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[Issued with Army Orders for June, 1926]

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8
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8
Equipment
536



REGULATIONS FOR THE EQUIPMENT OF THE ARMY

PART 2.—SECTION XI (b) FIELD ARTILLERY WITH Q.F. 18-pr. EQUIPMENT (REGULAR ARMY)

- 1.—Brigade Headquarters
- 2.—Battery
- 3.—Field Ammunition Column
- 4.—Headquarters Divisional Ammunition Column
- 5.—Divisional Ammunition Column

1926

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By Command of the Army Council,

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THE WAR OFFICE,

19th May, 1926

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1.—SPECIAL INSTRUCTIONS

I. EQUIPMENT OF BRIGADES

1. *Details.*—Details of the equipments of brigades for war and for use in peace will be found on pages 37 to 164.

2. The equipment for brigade headquarters will be held by the ammunition column when the equipment for the latter is in regimental charge. When the ammunition column is in Royal Army Ordnance Corps charge, the brigade headquarters equipment will be held by one of the batteries in the brigade.

3. Officers commanding are responsible that the proper steps are taken to make up any deficiencies that may arise in war equipment.

4. *Explanation of terms.*—The equipment of a battery is divided under two headings :—

(a) *Peace equipment.*—That which is required for use in peace, according to its peace establishment of men and horses.

(b) *Mobilization equipment in charge of the unit.*—That which is required to complete the equipment when raised from a peace to a war establishment.

5. *Accounting for stores.*—The stores will be held on charge in the battery equipment ledgers, Army Book 183.

6. The account will be balanced and rendered as laid down in Part 1, Equipment Regulations, and not when the mobilization equipment in charge of the unit is handed over to a relieving battery.

7. *Storage of ammunition.*—The following instructions are to be observed with regard to the storage of ammunition in charge of the unit :—

- (i) All ammunition on charge will be stored in the 4-round ammunition boxes. Batches for use as directed in the Magazine Regulations will be supplied as required by the Royal Army Ordnance Corps, and will be held on R.A. ledger charge.

- (ii) That portion of the ammunition stored in boxes which would be carried in G.S. vehicles on mobilization should be packed in the G.S. wagons during peace if the latter are suitably stored and stand on their wheels.
- (iii) The sheds containing the ammunition in boxes must be considered as "Explosive Stores."
If it is not possible to comply with the Magazine Regulations in their entirety, the regulations regarding cleanliness and precautions against fire must be enforced.
- (iv) Ammunition in mobilization equipment should never be taken out of store except to replenish peace equipment or on mobilization. On no account should ammunition which has been in charge of troops be returned to mobilization equipment in charge of the unit.
- (v) Fuzed H.E. will not be stored in any limber or wagon in peace. *See, however, Instructions for Practice.*

8. *Used articles of harness or saddlery.*—Any surplus articles of harness and saddlery which have been used as peace equipment by batteries on the higher establishment, when taken over by a battery on the lower establishment, should be placed in mobilization equipment in charge of the unit, but they should be exchanged for new at the earliest opportunity. Commanding officers will ascertain periodically from the D.A.D.O.S. whether new articles are available or can be obtained, to meet such exchanges. On receipt of the new stores they should be placed in mobilization equipment in charge of the unit, and the part-worn articles returned to the Royal Army Ordnance Corps.

9. Further instructions regarding mobilization equipment are contained in Part 1, Equipment Regulations.

10. *Camp equipment for annual training.*—To allow of the annual course of military training laid down in Artillery Training, Volume I, being carried out, a complete set of camp equipment for one battery will be drawn from the Royal Army Ordnance Corps for each brigade (or in the case of single battery stations, each station) serving in the district. Articles belonging to the mobilization equipments in charge of units should not be used for the purpose.

11. The stores required should be demanded under the orders of officers commanding brigades, who will detail the battery to demand, and arrange the sequence in which the equipment is to be handed over from one battery to another. On the completion of the training the equipment should be returned to the Royal Army Ordnance Corps by the battery last using it,

12. Local arrangements must be made to ensure that the complete equipment of the battery in every respect is available, and correctly packed. Empty cases or dummies will be used on these occasions to represent any articles which are not available in the district.

13. *Camp equipment.*—Camp equipment for standing camps and manœuvres should be demanded in accordance with the scales laid down in Part 1, Equipment Regulations.

14. *Field ammunition columns; Army artillery.*—The brigade ammunition columns will be entirely under the command and supervision of the officers commanding the brigades, who will be responsible for the efficiency of the columns in the same manner as they are responsible for the efficiency of their batteries. The adjutants of brigades will be in immediate charge of the columns, and will be the accountants. They will be responsible to the officers commanding for the equipment generally. The accounts will be balanced and rendered as laid down in Part 1, Equipment Regulations. The warrant officer in charge of stores, etc., will keep the store accounts under the orders of the adjutant, who alone will be responsible for any loss that may occur. On mobilization being ordered the officer appointed to command will become responsible for the stores and accounts of the column.

15. *Divisional ammunition columns.*—The officers commanding the field brigades allotted to divisions will each hold on charge, in peace, equipment of one of the sections of the divisional ammunition column belonging to the division to which the brigade belongs.

The Pack Artillery Brigade will hold No. 4 section of "A" Echelon.

The headquarters equipment will also be held by one of these brigades.

These arrangements are temporary only.

II.—MARKING OF EQUIPMENT

16. The camp kettles and water buckets belonging to the peace equipment will be marked in front with the letters "R.A.," and in rear with the letter of the sub-section and battery number, thus—

" D "

10

Camp kettles in white, water buckets in black.

Drawings to illustrate the method of marking, and the correct position of the marks, can be obtained from the Royal Army Ordnance Corps.

Bags, picketing gear, will also be similarly marked, but on the end.

17. Detailed instructions for marking vehicles and equipment will be found in Part 1, Equipment Regulations.

III.—REPAIRS

18. The examination and repair of equipment should be carried out by the artificers so far as may be possible. When special tools or appliances are required which are not available with the battery, the artificers should be sent, together with the material requiring repair, to the nearest Royal Army Ordnance Corps workshop at which the necessary facilities exist, in order that they may there carry out or assist in carrying out the repair. Any implements, &c., required in carrying out a repair of this equipment should accompany the artificers.

Statement of repairs to armament performed by artificers will be forwarded weekly by officers commanding batteries to the D.A.D.O.S. of the area or district, in order that the O.M.E. may be kept informed of the conditions of armament. (*See* para. 372, Equipment Regs., Part 1.)

19. Ordnance mechanical engineers are available to advise officers commanding on any question which it may be desirable to refer to them in connection with the field armament.

20. When the services of these officers are required in connection with the inspection or repair of equipments which cannot be carried out by battery artificers, application will be made by officers commanding units to the D.A.D.O.S. of the area.

21. Officers commanding brigades will arrange that the services of the artificer are utilized in keeping the equipment of the brigade in a thoroughly serviceable condition.

IV.—RETURNS

22. Ordnance on Royal Artillery charge will be included in the Annual Return A.F. G 872 rendered on the 1st August by officers commanding Royal Artillery in districts in accordance with the King's Regulations.

V.—EXAMINATION OF ORDNANCE

23. Instructions for the examination of ordnance will be found in Regulations for Army Ordnance Services, Part II.

The O.M.E. will carry out annual inspection of all technical stores, artillery material, including range and other optical stores, and also a half-yearly inspection of range-finders (*vide* Regulations for Army Ordnance Services, Part I).

24. All spare parts should be tried for interchangeability as soon as possible after receipt, and a report of the defects, if any, forwarded to the Chief Inspector, Woolwich.

25. Spare parts of guns and carriages are supplied solely for the purpose of replacing similar defective or damaged parts, and will not be used for any purpose other than that for which they are maintained, unless specially authorized.

VI.—TARGETS FOR GUN PRACTICE

Land Ranges

26. Targets for use at practice camps will, as far as practicable, be made up locally. The targets are of the pattern described in Instructions for Practice, Light, Medium and Heavy Artillery, and together with the dummies and other stores are allowed in special proportions (*see* detail of stores allowed to the various camps during practice season for batteries of Light, Medium and Heavy Artillery).

VII.—AMMUNITION FOR PRACTICE AND EXERCISE

27. The annual proportions of ammunition for practice and exercise will for the present be published annually by Army Council Instructions.

28. *Turnover of ammunition.*—To ensure a proper “turnover” of ammunition, all ammunition fired at annual practice by batteries will be taken from their service equipment, that in peace equipment being used up first.

Further instructions regarding the turnover of ammunition are laid down in Part I, Equipment Regulations.

Demands to complete equipment will be put forward prior to the departure of batteries to practice, so that on their return to their stations the ammunition may be in readiness.

In cases where batteries are to change stations after practice, the new station where the ammunition will be required should be clearly indicated on the demand.

Demands for cartridges must be accompanied by a list of the propellant lots of the natures concerned held on charge by the unit in order that propellants of similar lots to those in possession may, as far as possible, be issued.

Primers.—The fired primers of Q.F. cartridges will in future be brought on charge, by batteries, by certificate receipt voucher; they should not be removed from the cartridge cases.

Caps of fuzes.—The caps of all fuzes will be returned to Royal Army Ordnance Corps store.

29. Empty cartridge cases will be cleaned (*see Magazine Regulations*) and returned to store as soon as possible after the conclusion of practice. 1-lb. of mineral jelly per 60 empty cases and 1-lb. of soda per 30 empty cases may be drawn for cleaning purposes.

30. The fuze covers removed from Q.F. 18-pr. cartridges at practice will be brought on charge and returned as soon as possible, after practice, to the nearest Royal Army Ordnance Corps depôt. An allowance of 2 per cent. will be made to cover unavoidable losses.

31. Ammunition will be demanded on A.F. G 988. Any of the annual supply of service or blank ammunition which has not been expended by the end of the year (31st March and 31st August respectively) for which it is allowed will be forfeited.

See Part 1, Equipment Regulations, as to accounting for blank gun ammunition.

VIII.—HANDBOOKS

32. Handbooks are issued in the following proportions, and will be accounted for as laid down in Part I, Equipment Regulations :—

Distribution.							Handbooks.	
							Q.F. 18-pr.	Artillery instruments.
A.O.	Brigade headquarters ...	...	...	...	...	...	2	2
349	Batteries ...	...	...	...	...	...	20	6
1919	„ for officers ...	...	...	...	...	...	5	5
	Artificer R.A. ...	...	...	...	...	each	1	1

For a four-gun battery only 15 handbooks are allowed.

IX.—STORES FOR MUSKETRY INSTRUCTION

33. The following will be allowed for each battery for use during peace :—

Weedon Section.—A.

Actions, skeleton, M.L.E. rifle, short, Mark III	...	1
Aim correctors, No. 1	... ..	2
Brushes, cleaning, tubes, aiming, Mark II	... ..	4
Cleaners, tube, aiming	... ..	4
Implements, action, rifle, short, M.L.E., Mark II	... ..	1
Rifles, short, .22-inch, R.F., Mark IV		4
Rods, cleaning, tubes, aiming		4
Tools, removing handguard, No. 1		1

A.C.I.

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20

Section No. 27.—A.

Cartridges, S.A., drill, .303-inch, rifles, carbines or machine guns, Mark VI		15*
Chargers, .303-inch cartridges	... ..	3*

* For each rifle.

X.—HORSE SHOES

34. On active service all horses requiring shoes will be shod with shoes, which will be supplied, according to the following scale, unless otherwise demanded.

This scale is also applicable to demands for shoes in peace.

Description.										No. per cent.
<i>Section No. 6.</i>										
Shoes, horse, pairs—										
No. 4—										
Fore	...	...	...	...	...	...	...	...	...	8
Hind	...	...	...	...	...	...	...	...	...	8
No. 5—										
Fore	...	...	...	...	...	...	...	...	...	20
Hind, lead	...	...	...	...	...	...	...	...	...	14
" wheel	...	...	...	...	...	...	...	...	...	6
No. 6—										
Fore	...	...	...	...	...	...	...	...	...	30
Hind, lead	...	...	...	...	...	...	...	...	...	9
" wheel	...	...	...	...	...	...	...	...	...	21
No. 7—										
Fore	...	...	...	...	...	...	...	...	...	24
Hind, wheel	...	...	...	...	...	...	...	...	...	24
No. 8—										
Fore	...	...	...	...	...	...	...	...	...	14
Hind, wheel	...	...	...	...	...	...	...	...	...	14
No. 9—										
Fore	...	...	...	...	...	...	...	...	...	2
Hind, wheel	...	...	...	...	...	...	...	...	...	2
No. 10—										
Fore	...	...	...	...	...	...	...	...	...	2
Hind, wheel	...	...	...	...	...	...	...	...	...	2

* For War only 50 per cent. of shoes will be carried by Units according to War Equipment Table.

XI.—STORES FOR THE REPAIR, PRESERVATION AND PAINTING OF EQUIPMENT

Harness and Saddlery

35. The repair of saddlery and harness allowed for the headquarters of brigades and of Royal Artillery districts will be effected by the artificers of the nearest battery when practicable.

Any materials for repair that may be required by brigade headquarters or batteries on service will be obtained from the ammunition columns.

Ordnance, Carriages, Projectiles, &c.

36. Detailed instructions for the preservation and inspection of ordnance, &c., are given in the Magazine Regulations and Regulations for care and preservation of Artillery Equipments for the guidance of officers of artillery in carrying out the services therein referred to, and of officers of the R.A.O.C. in supplying such materials and stores as may be from time to time required for performing the same.

37. The following proportions of materials for care and preservation of equipment in batteries and field and divisional ammunition columns (except harness and saddlery) and the tools, &c., for painting are laid down, *for peace purposes*, in the following table:—(Rangoon oil, cotton waste coloured, and rags linen or cotton, required for use at the annual overhaul will be indented for, as required from the Royal Army Ordnance Corps).

Section.	Articles.	Battery Proportions.	Field and Divisional Ammunition Column Proportions.	Purposes for which required, &c.
No.		ANNUAL ALLOWANCE.		
9A	Chalk, prepared white ... boxes	1 for each battery	...	General use.†
9A	Cloth, emery, No. F.	32 sheets	...	
9A	Bathbricks ...	2 for each carriage and limber	...	For general cleaning purposes.
		2 for each wagon and limber	...	
9A	Beeswax ... ozs.	4 for each carriage and limber	...	
		4 for each wagon and limber	...	
13c	Cloths, sponge ...	10 for each sub-section	1 for each 2 vehicles	

† See note on p. 15.

Section.	Articles.	Battery Proportions.	Field and Divisional Ammunition Column Proportions.	Purposes for which required, &c.
ANNUAL ALLOWANCE— <i>contd.</i>				
H.2	Cotton, waste, white lbs.	1 for each battery	...	General use †.
9B	Cylinders, paint, No. 3 ...	3	5	For mineral jelly, red.
9A	Dubbing ... lbs.	1½ for each sub-section	1 for each 100 straps (various)	For straps and leather work.
9A	Glue, best town made ... lbs.	¼	...	General purposes.
9A	Grease, lubricating, for cool climates (a) ... lbs.	{ 3 for each wheel (b) ½ for each wheel (c) ½ for each wheel (f)	{ 3 for each wheel (b) ½ for each wheel (c)	{ Lubricating.
9A	Mineral jelly, red, lbs.	9††	14 (i)	Protection of bore and breech fittings.
9A	Oil— Linseed, boiled pts.	{ 1 4 (e) 36 (g)	{	{ Wiping over shell, when necessary, to prevent rust (d). Coating bright parts. Lubricating.
	Rangoon ... "	{ 3 for each carriage and limber* 2 for each wagon and limber*	{ 8 (j) ...	{ For general cleaning purposes.
9A	Paint, prepared for use— Black, lamp ozs. Lead, white "	{ 4 (h) 4 (h) 1	{	{ Painting aiming posts.
NIV	Rags, linen or cotton, old ... lbs.	{ ...	{ ½ for each vehicle	{ For wiping over shell, when necessary, to prevent rust (d). Cleaning purposes.

(a) Grease, lubricating, for hot climates, will be used at all stations abroad.

(b) On certificate of commanding officer that they are in constant use.

(c) When not in constant use.

(d) Particular attention is called to Magazine Regulations.

(e) Two pints are for mobilization equipment in charge of the unit.

(f) For vehicles in mobilization charge of the unit.

(g) 52 pints per battery under the conditions of footnote †.

(h) An allowance of 1 lb. approved for each battery under the conditions of footnote †.

(i) 4 lbs. for F.A. Brigade Col. (54 Art by 8812).

(j) 3 pints

† For each battery stationed at Larkhill, performing duties for the School of Artillery.

†† An allowance of 24 lbs. approved for each battery under the conditions of footnote †.

* Mineral jelly, red (1 lb. in lieu of each pint) may be demanded in lieu.

Section.	Articles.	Battery Proportions	Field and Divisional Ammunition Column Proportions.	Purposes for which required, &c.
		ANNUAL ALLOWANCE— <i>contd.</i>		
9A	Soap— Soft ... lbs.	1 for each carriage and limber	} $\frac{1}{2}$ for each vehicle	} For general cleaning purposes.
		1 for each wagon and limber		
	Yellow ... bars	12 for each carriage and limber		
		12 for each wagon and limber		
H.2	Tow, jute ... lbs.	4	...	Packing stores generally.
9A	Turpentine pts.	$\frac{1}{4}$ (a)	...	Painting aiming posts.

TO BE DEMANDED AS REQUIRED AND RETURNED TO ORDNANCE STORES
WHEN UNSERVICEABLE.

5A	Brushes, harness, hard ...	...	1 for every 10 or less vehicles	} Tools for painting, &c. {	} When a battery or column is placed on a war footing, the articles in possession will not be maintained in the field.
11	Brushes, water, carriage ...	...	1 for every 10 or less vehicles		
11	Brushes, paint— Oval ...	3	1 (b)		
	Sash tool— No. 2 ...	3	...		
	„ 4 ...	2	...		
	„ 6 ...	2	1 (b)		
7	Brushes, sable, writing, duok, large ...	2	...		
7	Cans, paint— 7 $\frac{1}{4}$ -ins. diameter ...	1	1 (b)		
	7-ins. diameter ...	1	1 (b)		
7	Knives— Palette, 9-inch ...	1	...		
	Putty ...	1	...		
5A	Pans, oil ...	4	...		

(a) Thinning paint if necessary.

(b) For painting vehicles of divisional ammunition columns the tools belonging to the battery to which the D.A.C. section is attached will be used.

38. The paint allowed for painting guns, carriages, &c., of batteries, as laid down in the following tables A and B, will be demanded on the 1st of March or the 1st of September, and the painting will be carried out under instructions of O.C. battery. Paint may be drawn, as laid down in table A, as required for ammunition columns.

39. Range-finders, artillery, Nos. 1 and 2, and their cases, will be painted with service colour paint annually, or oftener if found necessary. For this purpose $\frac{1}{4}$ -lb. of paint for each instrument will be allowed, the work being carried out by the brigade artificers. This does not apply to those range-finders and cases which are made of or covered with leather.

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Arty.

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MATERIALS, TIME AND WORKING PAY ALLOWED FOR PAINTING THE FOLLOWING VEHICLES, &C.

Annual Supply, during Peace only

N.B.—For the vehicles, &c., forming the mobilization equipment in charge of batteries, the proportion of paint, &c., should only be issued when they actually require painting.

Description.	Paint prepared Service colour.	Putty.	Scraping and cleaning (a).		Painting (a)	
			Time.		Stopping, painting bare places and one coat.	
	lbs. ozs.	lbs. ozs.	H.	M.	H.	M.
Bars, supporting draught pole (per doz.) ...	(d)	...	1	0	1	0 (e)
Carriages, field, Q.F. 18-pr. ...	7 4	0 8	3	0	6	0
Carts—						
Maltese ...	6 0	0 12	2	0	4	30
Officers' mess ...	4 0	0 8	3	0	4	0
Carts, water tank, Marks IV to VII, complete ...	5 0	0 4	3	0	8	0
Covers (c)—						
Cart, Maltese ...	8 0 (b)	...	...		2	45

(a) Working pay is issuable for this service under Article 837 *et seq.*, Pay Warrant, 1926.

(b) Composition for canvas.

(c) Covers made of waterproof material, dyed khaki or Service colour, will be treated with the composition for canvas only when the covers have become bleached.

(d) Woodwork will be treated with oil, mineral, preserving wood, $1\frac{1}{4}$ gills being allowed per 12 bars. Paint for metal work will be taken from quantity authorized for limbers.

(e) Oiling.

Description.	Paint prepared Service colour.	Putty.	Scraping and cleaning (a). — Time.	Painting (a) Stopping, painting bare places and one coat. — Time.
Kitchen, travelling—	lbs. ozs.	lbs. ozs.	H. M.	H. M.
Body (e)	0 12	...	1 30	5 0 (c)
Limber (e)	2 8	0 4	1 30	5 30 (b)
Limbers, Q.F. 18-pr. ...	6 0	0 8	3 0	5 30
Poles, draught—				
No. 7A (spare)	1 0	...	0 10	0 15
Nos. 17 and 18 (")	1 0	...	0 15	0 20
Wagons—				
Ammunition, Q.F. 18-pr. ...	6 0	0 8	3 0	5 30
Limbered, A. or S.—				
Fore	5 0	0 12	3 0	6 0
Hind	5 0	0 12	3 0	6 0
Limbered, F A.—				
Fore	5 0	0 12	3 0	6 0
Hind	5 0	0 12	3 0	6 0
G.S., Marks X and X* ...	15 0	2 0	6 0	15 0
Wheels (spare)—				
3rd class "B," No. 159A ...	0 12	0 2	0 30	0 40
2nd class "C"—				
Nos. 198A and 200A ...	1 0	0 3	0 40	1 0
Nos. 49 and 45 ...	1 4	0 2	0 30	1 0
Miscellaneous stores (d)	30 0	...	...	...

(a) Working pay is issuable for this service under article 837 *et seq.*, Pay Warrant, 1926.

(c) Also 2½-lbs. varnish, black vegetable.

(b) Also 1-lb. varnish, black vegetable.

(d) Per battery.

(e) The following are allowed *annually* for the preservation of the travelling kitchen :—

Section No. 9 A.

Bath bricks	...	...	...	...	1
Mineral, jelly, red	...	...	...	...	lbs. 3
Soda, crystals... ..	...	...	...	...	" 6
Soap, yellow	...	...	...	...	bars 2

MATERIALS, TIME AND WORKING PAY ALLOWED FOR CLEANING AND PAINTING ORDNANCE.

Description.	Service colour, one coat.	Scraping and cleaning (a). — Time.	Painting one coat (a). — Time.
	lb. ozs.	H. M.	H. M.
Ordnance, Q.F. 18-pr. ...	0 10	2 0	1 20

(a) Working pay at the rate of 1½d. per hour is issuable for this service.

40. A set of tinman's tools is supplied to each battery and column for carrying out small repairs.

XII.—STORES FOR THE DESTRUCTION OF SHELLS

41. A set of stores for the destruction of shells at practice camps, also such quantities of guncotton and detonators as are considered necessary, will be allowed to all land ranges, and will be demanded in the undermentioned proportions and accounted for by the commandant:—

MATERIALS REQUIRED FOR EACH CHARGE.

<i>Section No. 25.</i>				No.
Guncotton	{ dry, primers, field, 1-oz. ...	...	...	1
	{ wet, slabs, field, 15-ozs. ...	...	...	1

Section No. 26.

Detonators, electric, No. 13	...	...	...	...	1
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Section No. 29—D.

Sandbags	...	...	...	...	...	...	4
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STORES.

Articles.	No.	Remarks.
<i>Section No. 7.</i>		
Pliers, side-cutting, 7-inch ... pair	1	
<i>Section H.2.</i>		
Twine, packing, small ... lb.	1	Securing charge.
<i>Section No. 9—A.</i>		
Cloth, emery, No. F. ... sheets	2	Cleaning ends of wire.
<i>Section No. 28—B.</i>		
Cable, electric, E. 1, Mark II ... yards	2,000	Old telegraph cable unfit for general issue would be suitable if available.
Exploders, dynamo ...	1	} Repairing defective wire.
Solution, rubber, 3-oz. tubes...	9	
Tape, rubber, pure ... lb.	½	

XIII.—SIGNALLING AND TELEPHONE STORES

42. Signalling and telephone equipment according to the following scales will be allowed :—

Articles.	For each battery.		Remarks.
	War.	Peace.	
<i>Section A 1.</i>			
Belts , lineman, leather	...	...	1 for each signaller.
Frogs , pliers, side-cutting, 8-inch	...	...	1 for each signaller.
<i>Section No. 6—A.</i>			
Saddlery , universal—			
Buckets—			
Signalling flag	6	6	{ In addition, 1 of each per Section of "A" Echelon of Ammunition Columns will be allowed for the columns.
Tripod stand	2	2	
<i>Section No. 7.</i>			
Pliers , side-cutting, 8-inch pairs	...	...	1 pair for each signaller.
<i>Section No. 8—C.</i>			
Apparatus , aerial signalling—			
Panels T	2	2	
Strips	12	12	
Cases , message book	2	2	† In addition, the D.A. Column is allowed 6 of each, and Field Brigade Ammunition Column 1 of each.
Flags , signal, army—			
Blue, small	11†	11	†† In addition, the D.A. Column is allowed 18, and Field Brigade Ammunition Column 3.
White, with stripe, small ...	11†	11	
Poles, 3 feet 6 inch	33††	33	
Heliographs , 5 inch, Mark V ...	2	2	
Keys , dummy, signallers	...	8	
Panniers , signalling	2	2	
Shutters , signalling, folding ...	4	4	§ In addition, the D.A. Column is allowed 5, and Field Brigade Ammunition Column 1.
Bags	4	4	
Springs	4	1	
Stands , lamp or helio. "A,"			
Mark III	4§	4	
<i>Section No. 8—D.</i>			
Cases , compass, prismatic, Mk. I	2	2	
Compasses , prismatic, Mk. VIII	2	2	
Watches , G.S.	2	2	
<i>Section No. 15—B.</i>			
Spectacles , tinted, No. 1 (a) (with cases) pairs	2	...	(a) For tropical climates. Is- sued on mobilization.
Stands , signalling, telescope ...	2	2	
Telescopes , signalling	2	2	

Articles	For each battery		Remarks.
	War.	Peace.	
Section No. 28—B.			
Batteries, dry, torch †	16	8(b)	(a) 16 for each Lamp, sig., day-
" " " " † ... spare	16	...	light, short range, 4 for each
Batteries, inert—			Fullerphone, and 2 for each
2 cell (c)	1	1(b)	Telephone set D. †
2 cell (c) spare	1	1	IV.
Bulbs, 3.5 volt P †	16	...	(b) For peace training only, not
Cable, electric—			available for War.
D.2, Mark IV ... ..miles	6	6(b)	
D.3, twisted	...	$\frac{1}{2}$	† For Torches, hand.
D.8	...	$\frac{1}{2}$	(c) For Telephone sets No. 44A
Cells, inert—			(or 44c.)
Q	4	4(b)	For Telephone sets No. 110.
Q spare	4	4	" " "
S (f) *	42	40(b)	
S (a) spare	58	56(b)	
Detectors, Q and I	2	2	
Cases	2	2	
Reels, cable—			
No. 1	8	10(b)	
No. 2	12	12(b)	
Spindles	8	8	
Rivets spare	9	9	
Springs	2	2	
Strips, terminal, 8-pair	1	1	
Tape, insulating, $\frac{3}{4}$ -inch ... lbs.	1	1(d)	(d) Annually, 2 $\frac{3}{4}$ lbs. for bat-
Torches, hand (with Bulb 3.5			teries stationed at Larkhill
volt P)	16	8	performing duties at the
			School of Artillery.
Section No. 29—A.			
Apparatus, cable laying, R.A.			
sets	2	2	
Bars, carrying, reel, cable, No. 1	2	2	
Belts, reel, cable, No. 2	6	6	(f) 8 for each Lamp sig., day-
Sockets	6	6	light, short range, 4 for each
Boxes—			Fullerphone, and 2 for each
Spare, cell, large	1	1	Telephone set D. †
Tin, japanned (or wood polished)			
stationery, unit B	1	...	
Buckets, reel, cable, No. 2	6	6	
Cases, microphone, capsule	1	1	
Climbers, pole pairs	2	2	
Counters, bone	20	20	

* See footnote § next page.

† Cells for the Lamps with Army Artillery Brigade Ammunition Column and Divisional Ammunition Columns will be issued on the same scale.

Articles.	For each battery.		Remarks.
	War.	Peace.	
<i>Section No. 29—A—contd.</i>			
Ear-cushions, telephone	11	8	
Fullerphones, Mark III*	2	2	
Labels, line, G	200	50(a)	(a) Annually.
Lamps, sig., daylight, short range†	2	4§	†In addition, 1 is allowed for
Buckets	2	2	each Field Ammunition
Microphones, capsule, Mark I ...	9	6	Column and 5 for each
Pins, earth, small	11	8	Divisional Ammunition
Sticks, crook, jointed, Mark II	2	2	Column.
sets			
Straps	2	2	
Switch, units buzzer, 7 + 3 ...	1	1	
Telephone sets—			
No 44A (or 44c)	1	1	
No. 110	2	2	
D, Mark III (or IV)	9	8	
N.I.V.			
Pouches, lineman, filled	1	1	
Containing—			
<i>Section No. 7.</i>			
Screwdrivers, watchmakers--			
$\frac{1}{4}$ -inch	1	1	
$\frac{1}{8}$ -inch	1	1	
<i>Section No. 28—B.</i>			
Nippers, side-cutting, 5 inch			
pairs	1	1	
<i>Section No. 29—A.</i>			
Cases, tool, telegraph instru-			
ment	1	1	
Cleaners, contact, telegraph			
instrument	1	1	

§ For peace only, four "Lamps sig., daylight, short range" for each battery, provided they are available, will be allowed, in which case the total cells inert "S" should be calculated at 24 per lamp accordingly. 8 for use not available for war, and 16 available for war.

Articles.	For each battery.		Remarks.
	War.	Peace.	
<i>Section No. 29—A—contd.</i>			
<i>N.I.V.—contd.</i>			
Pouches—contd.			
Pins, adjusting—			
4-inch... ..	1	1	
2½-inch—			
Stout	1	1	
Fine	1	1	
Pliers, side-cutting, 5-inch			
pairs	1	1	
Tweezers, small	1	1	
<i>R.A.C.D.</i>			
<i>Pimlico Section No. 26.</i>			
Scissors, button-hole pairs	1	1	

XIV.—STORES FOR INSTRUCTION IN MAP-READING

43. The following will be allowed in peace for instruction in map reading :—

Section No. 8—D.

	For each Battery.	For each Brigade Headquarters.
Boards, sketching, common	2	1
Compasses, magnetic pocket, Mark VI	2	1
Instruments, drawing, field ... sets	2	1
Protractor, rectangular, 6-in. wood		
“A,” Mark II (or ivoryine “A,”		
Mark III)	2	1
Scales, marquois, Mark II ... sets	2	1

NOT IN VOCABULARY.*Miscellaneous.*

Conventional signs	6	} Stationery Office supply.
Note-books for reconnaissance	6(a)	
Pencils, blacklead	12(a)	
Rulers, flat, boxwood, 1-foot		} To be purchased locally by R.A.O.C.
(marked in inches)... ..	6	

(a) Annually.

XV.—SETS OF TOOLS

(Referred to in Tables of Details.)

The detail of certain sets of tools allowed are given in Part 1, Equipment Regulations and consequently are not given herein.

TOOL, SCREW-CUTTING, BOLT AND NUT, R.A., FIELD,
CHESTS FILLED.

Articles.	No.
<i>Section No. 7.</i>	
Detail.	
Chests, empty	1
Tools, screw-cutting, R.A., field, B.S.W. thread—	
Cans, oil, lubricating, small	1
Dies, circular—	
$\frac{3}{4}$	1
$\frac{1}{2}$	1
$\frac{3}{8}$	1
$\frac{1}{4}$	1
Stocks, circular die	1
Taps—	
$\frac{1}{4}$ -inch—	
Taper	1
Second	1
Plug	1
$\frac{3}{8}$ -inch—	
Taper	1
Second	1
Plug	1
$\frac{1}{2}$ -inch—	
Taper	1
Second	1
Plug	1
$\frac{3}{4}$ -inch—	
Taper	1
Second	1
Plug	1
Wrenches, adjustable... ..	1

**CHEST, TOOL, FILLED, ARMAMENT ARTIFICERS',
R.H. AND R.F. ARTILLERY.**

Articles.	No.
<i>Section No. 7.</i>	
Chests, tool, empty, No. 3	1
Aprons, canvas, white	2
Braces, ratchet—	
9-inch	1
Post, 16-inch, Mark II	1
12-inch, drills	set 1
9-inch drills, twist, square taper shank—	
$\frac{1}{8}$ -inch	1
$\frac{17}{32}$ -inch	1
$\frac{1}{2}$ -inch	1
$\frac{7}{16}$ -inch	1
$\frac{3}{4}$ -inch	1
Brushes, hair, flat, 1-inch	1
Callipers—	
6-inch, outside	pair 1
5 „ inside and outside	„ 1
4 „ inside	„ 1
Cans—	
Oil, lubricating—	
G.S.	1
Small	1
Chisels—	
Cross-cut—	
8-inch $\times \frac{3}{4}$ -inch	1
7 „ $\times \frac{1}{2}$ „	5
Hand, cold, $\frac{3}{4}$ -inch $\times$ 8-inch	6
Rivet head	1
Smiths, with wood handle—	
Hot	1
Cold	1
Clams—	
Vice—	
Copper	pair 1 (a)
Lead	„ 1 (a)
Cramps, fitters, 6-inch	2
Dividers, spring, 6-inch, Mark II	pair 1
Drifts—	
Brass, round—	
1-inch	1
$\frac{1}{2}$ „	1
$\frac{1}{4}$ „	2
$\frac{3}{8}$ „	2
Steel, round—	
$\frac{11}{16}$ -inch	1
$\frac{9}{16}$ „	1
$\frac{7}{16}$ „	1
$\frac{5}{16}$ „	1
Drills, twist	set 1

(a) To be made locally.

Chest, Tool, Filled, Armament Artificers', R.A.—*continued.*

Articles.													No.
<i>Section No. 7—continued.</i>													
Files, bastard—													
Flat, 6-inch	...	...	...	...	...	...	...	...	...	...	...	...	3
Half-round, 6-inch	...	...	...	...	...	...	...	...	...	...	...	...	2
Knife, 6-inch	...	...	...	...	...	...	...	...	...	...	...	...	2
Round—													
14-inch	...	...	...	...	...	...	...	...	...	...	...	...	2
12 "	...	...	...	...	...	...	...	...	...	...	...	...	2
10 "	...	...	...	...	...	...	...	...	...	...	...	...	2
8 "	...	...	...	...	...	...	...	...	...	...	...	...	2
6 "	...	...	...	...	...	...	...	...	...	...	...	...	2
Square—													
12-inch	...	...	...	...	...	...	...	...	...	...	...	...	2
8 "	...	...	...	...	...	...	...	...	...	...	...	...	2
Warding, cut on one side—													
4-inch	...	...	...	...	...	...	...	...	...	...	...	...	2
3½ "	...	...	...	...	...	...	...	...	...	...	...	...	2
3 "	...	...	...	...	...	...	...	...	...	...	...	...	2
Files—													
Regular cut—													
Hand, safe edge, tanged—													
14-inch	...	...	...	...	...	...	...	...	...	...	...	...	2
12 "	...	...	...	...	...	...	...	...	...	...	...	...	2
Half-round—													
14-inch	...	...	...	...	...	...	...	...	...	...	...	...	1
12 "	...	...	...	...	...	...	...	...	...	...	...	...	1
10 "	...	...	...	...	...	...	...	...	...	...	...	...	1
8 "	...	...	...	...	...	...	...	...	...	...	...	...	1
Dead smooth—													
Flat, 12-inch	...	...	...	...	...	...	...	...	...	...	...	...	1
Half-round, 4-inch	...	...	...	...	...	...	...	...	...	...	...	...	1
Hand, safe edge, 4-inch	...	...	...	...	...	...	...	...	...	...	...	...	1
Fine cut—													
Hand, safe edge, tanged—													
14-inch	...	...	...	...	...	...	...	...	...	...	...	...	1
12 "	...	...	...	...	...	...	...	...	...	...	...	...	1
10 "	...	...	...	...	...	...	...	...	...	...	...	...	1
8 "	...	...	...	...	...	...	...	...	...	...	...	...	2
Half-round—													
12-inch	...	...	...	...	...	...	...	...	...	...	...	...	1
10 "	...	...	...	...	...	...	...	...	...	...	...	...	1
8 "	...	...	...	...	...	...	...	...	...	...	...	...	1
Saw, taper, second cut, single—													
6-inch	...	...	...	...	...	...	...	...	...	...	...	...	2
4 "	...	...	...	...	...	...	...	...	...	...	...	...	2
3 "	...	...	...	...	...	...	...	...	...	...	...	...	2
Second cut, hand, safe edge—													
6-inch	...	...	...	...	...	...	...	...	...	...	...	...	1
4 "	...	...	...	...	...	...	...	...	...	...	...	...	1
Smooth—													
Flat—													
12-inch	...	...	...	...	...	...	...	...	...	...	...	...	1
6 "	...	...	...	...	...	...	...	...	...	...	...	...	1

Chest, Tool, Filled, Armament Artificers', R.A.—*continued.*

Articles.	No.
<i>Section No. 7—continued.</i>	
Files, smooth—continued.	
Half-round—	
12-inch	1
8 "	2
6 "	2
Hand, safe edge—	
8-inch	2
4 "	1
Flatters, smiths' (handled), Mark II	1
Fullers, smiths', large—	
Top	1
Bottom	1
Gauges, feeler, 8 blades, Mark II	1
Hammers—	
Fitters'—	
48-oz. copper	1
24 "	1
16 "	1
8 "	1
Riveting, boilermakers', 2½-lbs.	1
Hammer, handles—	
No. 2	1
" 5	1
" 6	2
" 7	1
Handles, file—	
Large	5
Middling	5
Small	4
Holdalls, tool, armament artificers'	1
Holders, file, with handle, half-round (a)—	
14-inch	1
12 "	1
10 "	1
8 "	1
Irons, soldering, tinman's, large	1
Lamps, brazing, 1 pint	1
Levels, spirit, adjustable	1
Mallets, tinman's	1
Oilstones, carpenters'	1
Pliers—	
Round nose	pair 1
Side-cutting, 8-inch, Mark IV	" 1
Cutters, 8-inch, Mark IV (spare)... ..	2
Punches—	
Centre, 4-inch	2
Pin—	
½-inch	1
⅜-inch	1
⅙-inch	1
Round, ⅙-inch × 10-inch	1
Smiths', cold	1

(a) When regular and fine-cut files are issued.

Chest, Tool, Filled, Armament Artificers', R.A.—*continued.*

Articles.	No.
<i>Section No. 7—continued.</i>	
Rules, armament artificers', 1-foot	1
Saws—	
Hack, 12-inch	1
" 12 " blades (spare)... ..	12
Screwdrivers—	
Armament artificers', 9-inch	1
G.S., 6-inch	1
Watchmakers', $\frac{3}{16}$ -inch	1
Spanners—	
Armament artificers', double-ended, $\frac{1}{2}$ -inch and $\frac{3}{8}$ -inch	1
Adjustable, 15-inch	1
" 11 "	1
Scribers	1
Shears, tinman's, snip	pair 1
Squares, fitters'—	
8-inch	1
4 "	1
Snaps—	
Hand, riveting—	
$\frac{1}{8}$ -inch	1
$\frac{7}{16}$ -inch	1
$\frac{3}{8}$ -inch	1
Riveting, rod, $\frac{1}{8}$ -inch	1
Stocks, drill—	
Breast	1
Hand, Mark II	1
Straight edges, steel, 2-foot	1
Tongs—	
Smiths'—	
Forebit	pair 1
Hollow bit	1
Wheeler fitters'	" 1
Vices—	
Bench, saddletreemakers'	1
Hand, combination	1
Wrench, adjustable, 9-inch	1
<i>Section No. 9—A.</i>	
Cloth, emery, No. F (a) sheets	12
Rosin, black (a)	Hb. $\frac{1}{4}$
<i>Section No. 13—C.</i>	
Cloths, sponge (a)	6
<i>Section H 2.</i>	
Leather, chamois (a)	1

(a) These stores will be demanded as may be necessary from time to time to ensure that the supply in the chest does not fall below 50 per cent. of the full complement.

SETS OF TOOLS.

Articles.										No.
SADDLERS' TOOLS.										
No. 1 Set.										
(Carried in valise.)										
Section No. 7.										
Aprons, canvas, white	...	...	...	...	...	...	...	...	...	1
Awls, blades—										
Harness—										
3-inch	...	...	...	...	...	...	...	...	...	1
2½ "	...	...	...	...	...	...	...	...	...	1
2½ "	...	...	...	...	...	...	...	...	...	1
2½ "	...	...	...	...	...	...	...	...	...	1
2 "	...	...	...	...	...	...	...	...	...	1
Pannel—										
5½-inch	...	...	...	...	...	...	...	...	...	1
Awls, handles—										
Harness	...	...	...	...	...	...	...	...	...	2
Pannel ...	...	...	...	...	...	...	...	...	...	1
Clams, saddlers'	...	...	...	...	...	...	...	...	pair	1 (a)
Knives—										
Half-round	...	...	...	...	...	...	...	...	...	1
Head	...	...	...	...	...	...	...	...	...	1
Marline spikes, steel, 9-inch	...	...	...	...	...	...	...	...	...	1
Needles—										
Collar, half-moon—										
5½-inch	...	...	...	...	...	...	...	...	...	1
Darning, 4-inch	...	...	...	...	...	...	...	...	...	2
Harness	...	...	...	...	...	...	...	...	...	25
Saddlers'—										
Sewing	...	...	...	...	...	...	...	...	...	25
Stitching	...	...	...	...	...	...	...	...	...	10
Palms, saddlers'	...	...	...	...	...	...	...	...	...	1
Pliers, flat-nose	...	...	...	...	...	...	...	...	pair	1
Punches, spring, 11-inch	...	...	...	...	...	...	...	...	...	1
Thimbles, tailors'	...	...	...	...	...	...	...	...	...	1
No. 2 Set.										
(Carried in box, Mobilization Stores, No. 6.)										
Awls, blades—										
Buckling—										
4-inch	...	...	...	...	...	...	...	...	...	6
5 "	...	...	...	...	...	...	...	...	...	6
Drawing	...	...	...	...	...	...	...	...	...	4
Garnishing—										
2½-inch	...	...	...	...	...	...	...	...	...	4
2 "	...	...	...	...	...	...	...	...	...	4
Harness—										
3-inch	...	...	...	...	...	...	...	...	...	3
2½ "	...	...	...	...	...	...	...	...	...	5
2½ "	...	...	...	...	...	...	...	...	...	5
2½ "	...	...	...	...	...	...	...	...	...	5
2 "	...	...	...	...	...	...	...	...	...	3
Pannel—										
7-inch	...	...	...	...	...	...	...	...	...	4
5½ "	...	...	...	...	...	...	...	...	...	2

(a) Strapped outside valise.

Sets of Tools—*continued.*

Articles.										No.
Saddlers' Tools—<i>continued.</i>										
No. 2 Set (carried in box)—<i>continued.</i>										
Section No. 7—<i>continued.</i>										
Awls, handles—										
Drawing	...	...	...	...	...	...	...	...	...	8
Harness	...	...	...	...	...	...	...	...	...	2
Pannel	...	...	...	...	...	...	...	...	...	6
Bones, hollow	...	...	...	...	...	...	...	...	...	2
Chisels, hand, cold, $\frac{3}{4}$ -inch $\times$ 8-inch...	...	...	...	...	...	...	...	...	...	2
Claws, nail	...	...	...	...	...	...	...	...	...	2
Compasses, wing, 7-inch (a)	...	...	...	...	...	...	...	...	pairs	2
Creases—										
Double	...	...	...	...	...	...	...	...	...	2
Single	...	...	...	...	...	...	...	...	...	2
Gimlets, twist, No. 6	...	...	...	...	...	...	...	...	...	2
Hammers—										
Saddlers'	...	...	...	...	...	...	...	...	...	2
Riveting, 8-oz.	...	...	...	...	...	...	...	...	...	2
Irons—										
Pricking—										
12-stitch	...	...	...	...	...	...	...	...	...	2
7 "	...	...	...	...	...	...	...	...	...	2
5 "	...	...	...	...	...	...	...	...	...	2
Knives—										
Gauge, plough	...	...	...	...	...	...	...	...	...	2
Trimming	...	...	...	...	...	...	...	...	...	2
Lead, punching, saddlers', 4-lb.	...	...	...	...	...	...	...	...	pieces	2
Mallets, tinman's	...	...	...	...	...	...	...	...	...	2
Needles—										
Collar, half-moon—										
$6\frac{1}{2}$ -inch	...	...	...	...	...	...	...	...	...	2
$4\frac{1}{2}$ "	...	...	...	...	...	...	...	...	...	2
Darning, 4-inch	...	...	...	...	...	...	...	...	...	6
Harness	...	...	...	...	...	...	...	...	...	75
Saddlers'—										
Sewing	...	...	...	...	...	...	...	...	...	25
Stitching	...	...	...	...	...	...	...	...	...	20
Pincers, saddlers'	...	...	...	...	...	...	...	...	pairs	2
Punches, oval—										
No. 31	...	...	...	...	...	...	...	...	...	2
" 28	...	...	...	...	...	...	...	...	...	2
" 24	...	...	...	...	...	...	...	...	...	2
" 23	...	...	...	...	...	...	...	...	...	4
" 22	...	...	...	...	...	...	...	...	...	4
" 21	...	...	...	...	...	...	...	...	...	4
" 20	...	...	...	...	...	...	...	...	...	4
Rasps, shoemakers', 10-inch	...	...	...	...	...	...	...	...	...	2
Rules, G.S., 4-fold	...	...	...	...	...	...	...	...	...	2
Scissors, tailors'	...	...	...	...	...	...	...	...	pairs	2
Screwdrivers, G.S., 6-inch	...	...	...	...	...	...	...	...	...	2
Shaves, saddlers'	...	...	...	...	...	...	...	...	...	2
Sticks, stuffing	...	...	...	...	...	...	...	...	...	2
Thimbles, tailors'	...	...	...	...	...	...	...	...	...	2
Tools, edge—										
No. 2	...	...	...	...	...	...	...	...	...	2
" 3	...	...	...	...	...	...	...	...	...	2

(a) When worn out will be replaced by 10-inch.

Sets of Tools—*continued*.

Articles.							No.
Saddlers' Tools—<i>continued</i>.							
<i>Section G—1.</i>							
Padlocks, iron, 2-inch ...	...	...	...	...	...	...	1
<i>Section No. 12.</i>							
Stones, rub, scythe ...	...	...	...	...	...	...	2
FITTERS' OR WHEELERS'							
<i>No. 1 Set (carried in valise).</i>							
<i>Section No. 7.</i>							
Callipers, 4-inch outside ...	...	...	...	...	...	pair	1
Chisels—							
Cross-cut, 7-inch $\times$ $\frac{1}{4}$ -inch ...	...	...	...	...	...	...	1
Firmer, coachmakers', 1-inch ...	...	...	...	...	...	...	1
Hand, cold, $\frac{3}{4}$ -inch $\times$ 8-inch ...	...	...	...	...	...	...	2
Drifts, brass, round, $\frac{3}{8}$ -inch ...	...	...	...	...	...	...	1
Files—							
Bastard, round, 10-inch ...	...	...	...	...	...	...	1
Regular cut, hand, safe edge, tanged, 12-inch ...	...	...	...	...	...	...	1
Fine cut, hand, safe edge, tanged, 8-inch ...	...	...	...	...	...	...	1
Smooth, half-round, 6-inch ...	...	...	...	...	...	...	1
Hammers, fitters', 16-oz. ...	...	...	...	...	...	...	1
Handles, file—							
Large ...	...	...	...	...	...	...	1
Small ...	...	...	...	...	...	...	2
Pliers, side-cutting, 8-inch, Mark IV ...	...	...	...	...	...	pair	1
Punches, pin—							
$\frac{1}{4}$ -inch ...	...	...	...	...	...	...	1
$\frac{5}{16}$ -inch ...	...	...	...	...	...	...	1
$\frac{3}{8}$ -inch ...	...	...	...	...	...	...	1
Rules, armament artificers', 1 foot ...	...	...	...	...	...	...	1
Scribers ...	...	...	...	...	...	...	1
Spokeshaves, $2\frac{1}{2}$ or $3\frac{1}{4}$ -inch ...	...	...	...	...	...	...	1
Vices, hand, combination ...	...	...	...	...	...	...	1
<i>Section G—1.</i>							
Nails, assorted (a) ...	...	...	...	...	...	lb.	1
Screws, assorted (a) ...	...	...	...	...	...	"	1

*No. 2 Set (carried in Bag, Tool, Wheelers').**Section No. 7.*

Augers—							
Screw, solid, wing-eyed, $1\frac{1}{4}$ -inch, 1-inch, $\frac{7}{8}$ -inch (1 of each) ...	...	...	...	...	...	...	3
Handles—							
16-inch ...	...	...	...	...	...	...	1
$13\frac{1}{2}$ " ...	...	...	...	...	...	...	1
Screwdrivers, G.S., 14-inch ...	...	...	...	...	...	...	1

(a) Description to be stated in demands.

Sets of Tools—*continued*.

Articles.	No.
No. 3 Set (carried in box, Mobilization Stores, No. 1).	
<i>Section No. 7.</i>	
Aprons, canvas, white	1
Braces, carpenters' ratchet, with 24 bits	1
Cans, oil, lubricating, small	1
Drifts, steel, round, $\frac{1}{2}$ -inch	1
Files—	
Bastard, round, 6-inch	1
Regular cut—	
Half-round, 14-inch	1
" 8 "	1
Saw, taper, second cut, single, 6-inch	1
Hammers—	
Fitters, 8-oz.	1
Riveting, 24-oz. (or carpenters)	1
Handles, file, large	1
Holders, file with handle half-round (a)—	
14-inch	1
8 "	1
Oilstones, carpenters'	1
Pencils, carpenters'	2
Planes, smoothing	1
Pliers, side-cutting, 8-inch, Mark IV	pair 1
Punches, carpenters', small	1
Rules, smiths'	1
Screwdrivers, G.S., 6-inch	1
Sets, saw, hand	1
Spanners, adjustable, 11-inch	1
Squares, fitters', 4-inch	1
Stocks, drill, hand, Mark II	1

SHOEING TOOLS.

(Carried in valise.)

<i>Section No. 7.</i>	
Aprons, basil, brown	1
Buffers, farriers'	1
Hammers, farriers' shoeing	1
Knives—	
Drawing, farriers'	1
Searching, farriers'	1
Pincers, farriers'	pair 1
Pritchels, farriers'	1
Rasps, farriers', 16-inch (b)	1
Stones, rag, farriers'	1

(a) When regular out files are in possession.

(b) Renewable quarterly.

Sets of Tools—*continued*

Articles.										No.
FORGE TOOLS.										
(Carried in box, Mobilization Stores, No. 1.)										
<i>Section No. 7.</i>										
Chisels, farriers', handled	...	...	...	...	...	...	...	...	...	2
Hammers, farriers'—										
Sledge, 9½ lbs.	...	...	...	...	...	...	...	...	...	1
Turning	...	...	...	...	...	...	...	...	...	1
Stamps, farriers'	...	...	...	...	...	...	...	...	...	2
Tongs, farriers', turning—										
Large	...	...	...	...	...	...	...	...	pair	1
Medium	...	...	...	...	...	...	...	...	"	1
Small	...	...	...	...	...	...	...	...	"	1
<i>Section No. 6.</i>										
Nails, horse-shoe (a)	...	...	...	...	...	...	...	...	lbs.	3
TINMAN'S TOOLS.										
<i>Section G 2.</i>										
Solder, tinman's, soft	...	...	...	...	...	...	...	...	lbs.	1½
<i>Section No. 7.</i>										
Groovers, tinman's, small	...	...	...	...	...	...	...	...	...	1
Irons, soldering, tinman's, large	...	...	...	...	...	...	...	...	...	1
Mallets, tinman's	...	...	...	...	...	...	...	...	...	1
Shears, tinman's, snip	...	...	...	...	...	...	...	...	pair	1
<i>Section No. 13—C.</i>										
Cloths, sponge	...	...	...	...	...	...	...	...	...	4

**EXTRA TOOLS PER BATTERY FOR USE DURING
PEACE ONLY.****ARTIFICERS', R.A. (WHEELERS') TOOLS.**

<i>Section No. 7.</i>										
Saws, tenon, 14-inch	...	...	...	...	...	...	...	...	...	1

SHOEING AND FORGE TOOLS.

Cutters, anvil, half-round, farriers' large shank	...	...	...	...	...	...	...	...	...	1
Tongs, farriers' fire	...	...	...	...	...	...	...	...	pair	1

(a) Description to be stated in demands.

XVI.—MACHINE GUNS

Lewis machine guns will be allowed on the following scale :—

	Peace.	War.
R.A. Battery	1	2
Divisional Ammunition Column	—	2 (a)
Field Ammunition Column	—	2 (b)

(a) Held by the Headquarters of the Column.

(b) Held by "A" Echelon of the Column.

Detail of Stores.	For each Battery.		For each Ammunition Column.	Remarks.
	Peace.	War.		
<i>Section A—1.</i>				
Braces, pouch, Lewis Gun	10	10	8	
Pouches, Magazine, Lewis Gun	20	20	16	
Slings, Lewis Gun	1	2	2	
<i>Section No. 16—B.</i>				
Bags, spare parts and tools, Lewis ·303-inch M.G. filled (a)	1	2	2	(a) Contents of this bag are detailed on page 35.
Boxes, carrier, Magazine, Lewis, ·303-inch M.G.	3	6	6	
Carriers, Magazine, Lewis ·303-inch M.G.	2	4	4	
Chests, Vickers or Lewis, ·303-inch M.G.	2(d)	2	2	(b) Includes 2 spare.
Covers, Lewis ·303-inch M.G.	1	2	2	
Guns, Machine, Lewis ·303-inch— Barrels, Mark I (b)	...	4	4	(c) In addition to those included in the contents of "Bag, spare parts and tools."
Brushes, wire, rod cleaning cylinder (c)	1	2	2	
Cleaners, gas regulator	1	1	2	
Cylinders, gas	1	2	2	
Handles, loading, Magazines (c)	5	10	10	(d) 1 for use with D.P. gun.
Magazines, No. 5, 6 or 8, Mark I	24	48	48	
Mops, rod, cleaning cylinder (c)	1	2	2	
Rods, cleaning cylinder	1	2	2	
Rods, piston, complete	2	4	4	
Guns, Machine, Lewis, ·303-inch D.P. Mark I	1	...	...	
Aim correctors, Mark I	1	2	2	
Jacks, screw, assembling and removing barrel	1	1	1	
Sights, back, A.A., Mark II	1	2	2	
Sights, fore, A.A., Mark II	1	?	2	
Holders, Lewis ·303-inch M.G. Mounting, tripod, A.A.	1	2	2	

XVI.—MACHINE GUNS—*continued.*

Detail of Stores.	For each Battery.		For each Ammunition Column.	Remarks.
	Peace.	War.		
<i>Section No. 16—B—contd.</i>				
Indicators, range, stadia, M.G.	1	2	2	(a) 1 for use with D.P. gun.
Mounts, field, Lewis .303-inch M.G., Mark III	2(a)	2	2	
Mountings, tripod, A.A. Lewis or Hotchkiss .303-inch M.G.	1	2	2	
Rods, cleaning, .303-inch M.G., Mark II	1	2	2	
<i>Section No. 27—A.</i>				
Cartridges, S.A., ball, .303-inch cordite, bundle packed	...	...	...	1,128 rounds for each M.G. will be held, peace and war.

DETAIL OF CONTENTS OF EACH BAG, SPARE PARTS AND TOOLS, M.G., FILLED, LEWIS .303-INCH. (*See* L. of C. § 25,433.)

Description of Stores.	No.
<i>Section No. 16—B.</i>	
Boxes, tin, small parts, M.G. ...	1
Cans, oil, M.G. ...	1
Guns, machine, Lewis, .303-inch—	
Balances, spring, combination (a) ...	1
Blades, foresight, high ...	1
" " low... ...	1
Bolts ...	1
Brushes, wire, rod, cleaning, cylinder	5(b)
Casings, pinion, assembled ...	1
Covers, ejector ...	1
Ejectors ...	1

(a) Or balances, spring, M.G.

(b) Additional to those shown, *vide* note (c), p. 34.

BAG, SPARE PARTS AND TOOLS—*continued*

Description of Stores.	No.
<i>Section No. 16—B—contd.</i>	
<i>Guns—contd.</i>	
Extractors	4
Guides, cartridge	3
Handles, cocking	2
„ loading, magazines	5(a)
Heads, screw, tangent sight	1
Keys, gas regulator	1
Mops, rod, cleaning, cylinder	1(a)
Pawls, feed arm	2
„ pinion	1
„ stop, magazine, No. 1, left	1
„ „ „ „ 2, right	1
Pins, axis, pawl, pinion	2
„ „ sear	2
„ „ trigger	2
„ fixing, head, screw, tangent sight	2
„ „ striker	2
„ locking, body	2
Plugs, clearing	1
Regulators, gas	1
Sears	1
Spanners, barrel, mouthpiece	1
Springs, head, screw, tangent sight	2
„ pawl, feed arm	3
„ „ pinion	4
„ pawls, stop, magazine	2
„ return	4
„ trigger	1
Strikers	1
Washers, packing, barrel	6
Guns, machine, Lewis, .303-inch, Mark I—	
Screws, butt cap	2
„ clamp ring	1
Punches, No. 3 (or No. 4), M.G.	1
Reflectors, mirror, .303-inch, M.G.	1
Screwdrivers, small, M.G.	1
Wallets, Lewis, .303-inch, M.G.	1
<i>Weedon Section—A.</i>	
Pull-throughs, .303-inch arms—	
Gauze, wire	pieces 2
Pull-throughs, double, .303-inch arms	1

(a) Additional to those shown, *vide* note (c), p. 34.

2.—DETAILS OF EQUIPMENT

1. BRIGADE HEADQUARTERS

Arms

TABLE 1	General Proportions.	
	Peace.	War.
<i>Weedon Section—A.</i>		
Rifles, short, M.L.E.	...	5 for each head-quarters.
Bottles, oil	...	1 for each rifle.
Pullthroughs, .303-inch arms, Mk. IV—	...	
B	...	1 for each rifle.
Gauze, wire pieces	...	1 for each rifle.
Protectors, muzzle, No. 3	...	1 for each rifle.
<i>Weedon Section—B.</i>		
Pistols, revolver, .455-in., Webley ...	1 for warrant officer, Class I	1 for R.S.M. and 1 for signaller.
Protectors, hammer Mk. II pistol, Webley, .455-inch	1 per pistol	... ..
Rods, cleaning, pistol, Webley, No. 2 ...	do.	2; 1 for each pistol.
Scabbards, sword, Sam Browne M.S. Mk. I*	} 1 for warrant officer, Class I	... ..
Swords, cavalry, pattern '08		1 for each warrant officer, Class I
<i>Weedon Section—C.</i>		
Clams, armourers', standing vice ...	} 1 for each head-quarters for artificer R.A.	
Corks, clam		
Tools, clearing, .303-inch arms—		1 for each head-quarters for R.A. artificer
Bits, screw		
Bushes, bit, screw		
Rods, No. 2		

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4194

See Equipment Regulations, Part 1, for instructions relating to the marking, accounting and transfer of this equipment.

Accoutrements

TABLE 2.

	General Proportions.	
	Peace.	War.
<i>Section A—1</i>		
Bags, ration	...	1 each officer and other ranks.
Bandoliers, 50 rounds	1 for each N.C.O. or man	1 for each N.C.O. or man, except those armed with pistols.
Belts, shoulder, sword, Sam Browne ...	2 for each warrant officer, Class I	2 for each warrant officer, Class I.
Belts, waist, B.E. leather	1 for each N.C.O. and man (except warrant officer, Class I)	1 for each man armed with a pistol except warrant officer, Class I.
Belts, waist, sword, Sam Browne ...	1 for each warrant officer, Class I	1 for each warrant officer, Class I.
Bottles, water, Mk. VI	1 for each warrant officer, N.C.O. and man.	1 for each warrant officer, N.C.O. and man.
Braces, with buckle	1 for each haversack	1 for each haversack.
Bugles	1 for each trumpeter	1 for each trumpeter.
Carriers, water-bottle, O.S.	1 for each water-bottle	1 for each water-bottle.
Cases, pistol, Sam Browne	1 for each warrant officer, Class I	1 for each warrant officer, Class I.
Cases, pistol, with leather loops ...	1 for each pistol, except warrant officer, Class I	1 for each pistol, except warrant officer, Class I.
Frogs, Sam Browne	1 for each warrant officer, Class I	... ..
Haversacks, O.S.	1 for each warrant officer, N.C.O. or man	1 for each warrant officer, N.C.O. or man.
Helmets, steel	1 for each officer, warrant officer, N.C.O. and man	1 for each officer, warrant officer, N.C.O. and man.
Knots, sword, brown	1 for each warrant officer, Class I	... ..
Lanyards, pistol	1 for each pistol ...	1 for each pistol.
Pouches, ammunition, pistol—		
Sam Browne	1 for each warrant officer, Class I	1 for each warrant officer, Class I.
With leather loop	1 for each pistol, except warrant officers', Class I	1 for each pistol, except warrant officers', Class I.
Slings, rifle, web ... ..	... ..	1 for each rifle.
Straps, brown, mess-tin, M.S.	1 for each warrant officer, N.C.O. or man	1 for each warrant officer, N.C.O. or man.

Accoutrements—continued

Table 2—continued.	General Proportions.	
	Peace.	War.
<i>Section A—1—contd.</i>		
Straps, steadying, Sam Browne ...	1 for each warrant officer, Class I	... ..
Strings, bugle and trumpet, Royal ...	2 for each trumpeter	2 for each trumpeter.
Thongs, whistle	1 for each whistle, Artillery	1 for each whistle, Artillery.
Tins, mess, M.S.	1 for each warrant officer, N.C.O. and man	1 for each warrant officer, N.C.O. and man.
Trumpets	1 for each trumpeter	1 for each trumpeter.
Whistles, Artillery	1 for each warrant officer, Class I	1 for each warrant officer, Class I.

Harness and Saddlery

TABLE 3.	Peace.	War.
HARNESS.		
<i>Section No. 5—A.</i>		
Harness, P.D.G.S.— Lead (a) double sets	1 for each 4-horsed vehicle	2 for each 6-horsed vehicle. 1 for each 4-horsed vehicle.
Wheel (a) double sets	1 for each vehicle fitted with pole draught	1 for each vehicle fitted with pole draught.
Harness, shaft draught (a), off ... sets	... ..	1 for each vehicle fitted with shaft draught.
SADDLERY.		
<i>Section No. 6—A.</i>		
Officers' (a) sets	1 for each officer ...	1 for each officer.
Universal R.A. (a) sets	1 for each riding horse	1 for each riding horse, except spare horses.

(a) For detail of sets of harness and saddlery, see Part 1, Equipment Regulations. In war, a reversible bit, rein, head collar, surcingle and 1 head bridle will be issued for each horse not equipped with a set of harness or saddlery.

Harness and Saddlery—Miscellaneous Articles and Stable Necessaries

TABLE 4.		General Proportions.	
		Peace.	War.
<i>Section No. 5—A.</i>			
Bags, nose, pattern 1916—			
Large	...	...	1 for each heavy draught horse.
Small	...	1 for each horse ...	1 for each horse, except heavy draught.
57 Gen. No. 425	Boots, remount (c)	10 per cent. of establishment of horses	
Brushes—		(a)	
Dandy	...	1 for each double set of harness	1 for each double set of harness.
Harness, hard	...	1 for each horse (b)	1 for each horse.
Horse	...	See para. 289, E.R., Part I, 1923.	
Clippers, horse	...	1 for each horse (b)	
Combs, curry	...	1 for each horse (b)	
Rubbers, horse	...	1 for each single set of harness and 1 for each set of saddlery (b)	1 for each horse.
A.C.I. 168 1920	Sponges, 7-drachms (or 1-oz.)		

(a) See Part I, Equipment Regulations, as to allowance, in lieu of brushes, horse.

(b) Annual supply.

(c) The size (large, medium or small) should be stated on indents.

Transport

For components, accessories, spare parts, wagon and cart equipment of vehicles, see Part I, Equipment Regulations, Appendix XV.

TABLE 5.					War.
<i>Section No. 14.</i>					
Wagons, limbered, A. or S.—					
Fore†	...	...	...	...	} 3 for each headquarters.
Hind†	...	...	...	...	
<i>Section No. 21—A.</i>					
Carts, Maltese	...	...	...	...	1 for each headquarters (for medical equipment).
Carts, officers' mess (a)	...	...	...	...	1 for each headquarters.
<i>Section C—2.</i>					
Bicycles	...	...	...	...	1 for each headquarters, peace and war.

(a) Implements, butchers', will not be regarded as vehicle equipment.

† For detail of components see Appendix II.

Camp Equipment

TABLE 6.	General Proportions.	
	Peace.	War.
<i>Section No. 2—A.</i>		
Appliances, for the conveyance and storage of water, special service—		
Troughs, waterproof, 600-gallons	...	2 for each head-quarters.
Boxes, stationery, field, small (a) ...	1 for each head-quarters	1 for each head-quarters.
Kettles, camp, oval, 12-quarts ...	...	1 for every 3 officers, or 16 other ranks.
Mallets, heel peg... ..	...	4.
Nets, hay	...	1 for each horse.
Pads, surcingle	1 for each horse	1 for each horse.
Pegs, picketing, with rope loop, Mk. II	1 for each 4-ft. 9-in. picketing rope and 1 for each heel rope	1 for each 4-ft. 9-in. rope and 1 for each heel rope.
Posts, picket, 2½-ft., with rope loop ...	2 for each 66-ft. rope and 2 for every 15 horses for "build up" purposes	2 for each 66-ft. rope and 2 for every 15 horses for "build up" purposes.
Ropes—		
Head, hemp, with ring, Mk. IV (b) ...	1 for each horse	1 for each horse.
Heel, Mk. IV	1 for every 4 horses	1 for every 4 horses.
Picketing, 4-ft. 9-in.	1 per 2 horses ...	1 for every 2 horses.
Picketing, 66-feet	1 per 30 horses...	1 for each head-quarters.
Rugs, horse	...	1 for each horse, if specially ordered.
Sheets, ground, Mk. VII	...	1 for each warrant officer, N.C.O. and man on mobilization.
<i>Section No. 11.</i>		
Lamps, hurricane	...	3 for each head-quarters.

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(a) In War, filled with Army books, forms, &c. Forms and books (except books of regulations) will be held with the mobilization equipments. Books of regulations amended to date will be provided from those in peace use. These boxes are held empty on peace charge.

(b) Not additional to that included in sets of harness and saddlery.

Camp Equipment—*continued*

Table 6— <i>continued</i> .	General Proportions.	
	Peace.	War.
<i>Section No. 13—A.</i>		
Blankets, G.S. (a)		1 for each warrant officer, N.C.O. and man.
SPECIAL FOR HEAVY TRANSPORT HORSES.		
Helves, maul, 34½-in.		1 for every 8 horses or less, and 25 per cent. spare.
Mauls, G.S., heads		1 for every 8 horses or less.
Posts, picket, 2½-ft., with rope loop ...		1 for each horse, 1 for each heel rope, and 25 per cent. spare.
Ropes, heel, large		25 per cent.
<i>Section No. 29—E.</i>		
Hose, prepared canvas, 1½-in. × 12-ft. lengths		4 for each head-quarters.
Hose, canvas, 2-in. × 30-ft. (spare) ..		2 for each head-quarters.
Pumps, lift and force, Mk. V		2 for each head-quarters.

Ordnance and General Stores

TABLE 7	General Proportions.	
	Peace.	War.
<i>Section A—1.</i>		
Frogs, cutter wire, folding		1 for each wire cutter.
Straps, with buckle		1 for each wire cutter.
Straps, with stud		1 for each wire cutter.

(a) Not stored with mobilization equipment.

Ordnance and General Stores—continued

Table 7—continued.	General Proportions.	
	Peace.	War.
<i>Section No. 7.</i>		
Chests, tool, filled, armament artificers, R.H. and R.F.A. (a)	1 for each head-quarters	1 for each head-quarters.
Bags, tool, wheelers		
Brushes—		
Watchmakers	1 for each head-quarters	1 for each head-quarters.
Hair, flat, $\frac{1}{2}$ -in.		
" 1-in.		
Carborundum, 3-in. stone, No. 149		
Cutters, wire, folding ... ..	... ..	2 for each head-quarters.
Eyeglasses	1 for each head-quarters	1 for each head-quarters.
Files—		
Dead smooth—		
Flat, 4-in.	1 for each head-quarters	1 for each head-quarters.
Round, 4-in.	1 for each head-quarters	1 for each head-quarters.
Grindstones, F.S., 14-in.	1 for each head-quarters	1 for each head-quarters.
Pliers—		
Flat-nose pairs	1 for each head-quarters	1 for each head-quarters.
Round-nose pairs	1 for each head-quarters	1 for each head-quarters.
Tools—		
Fitters or wheelers, No. 2 set... sets	1 for each head-quarters	1 for each head-quarters.
Screw-cutting, bolt and nut, Mk. IV—		
Chest, "C," $\frac{1}{2}$ -in. to $\frac{5}{16}$ -in., filled (b)	1 for each head-quarters	1 for each head-quarters.
Dies—		
$\frac{1}{2}$ -in.	1	
$\frac{3}{16}$ -in.	1	
Spanners, "D"	1	
Stocks, "D"	1	
Taps—		
$\frac{1}{2}$ -in. taper	1	
$\frac{1}{2}$ -in. second	1	
$\frac{1}{2}$ -in. plug	1	
$\frac{3}{16}$ -in. taper	1	
$\frac{3}{16}$ -in. second	1	
$\frac{3}{16}$ -in. plug	1	
Wrenches, "D"	1	
Vice, bench, parallel, 12-lb.	1	1 for each head-quarters.

(a) See detail, page 25.

(b) See detail, Equipment Regulations, Part 1.

Ordnance and General Stores—continued

Table 7—continued.	General Proportions.	
	Peace.	War.
Section No. 8—D.		
Protractors—		
Air photograph	1 for each head-quarters	1 for each head-quarters.
Semi-circular, celluloid, 8-in., special, Mk. III	2 for each head-quarters	2 for each head-quarters.
Section No. 9—B.		
Boxes, dubbing or mineral jelly, 2-lbs.	... ..	2 for each head-quarters.
Tins, oil, with screw top, $\frac{1}{2}$-pint (empty)	... ..	5 for each head-quarters.
Section No. 10—A.		
Cogs, screw, frost chisel head (c)—$\frac{1}{2}$-inch lbs.	... ..	8 $\frac{1}{2}$ for each head-quarters.
Nails, horseshoe	} See Part I, Equipment Regulations.	(a)
Shoes, horse		
Taps, frost cog (c)—$\frac{1}{2}$-inch		
Wrenches, frost cog (c) ... ..	... ..	} 8 for each head-quarters.
Section No. 12.		
Handcuffs, common pairs	... ..	2 for each head-quarters.
Implements, butchers' (b) ... ..	... ..	According to establishment.
Section No. 13—C.		
Stretchers, ambulance ... ..	... ..	4 for each head-quarters (1 for each battery).
Bars, suspension ... ..	... ..	3 for each head-quarters.
Section No. 14.		
Plane, testing carrier, No. 7 dial sight...	1 for each head-quarters	1 for each head-quarters.

(a) Allowance for horses joining on mobilization, see Part 1, Equipment Regulations.

(b) As detailed on p. 75. See also note (a), p. 40, against "Mess Cart."

(c) Not stored. Will be issued from Central Ordnance Depots on mobilization, if specially ordered.

Ordnance and General Stores—continued

Table 7—continued.	General Proportions.	
	Peace.	War.
<i>Section No. 15—B.</i>		
Binoculars , prismatic, No. 2, Mk. II or No. 3, Mk. II	1 for each head-quarters	1 for each head-quarters.
Case , telescope, F.A.	1 for each head-quarters	1 for each head-quarters.
Instruments , angle of sight		
Periscopes , No. 14 A, 14 B or 14 C		
Protractors , arc, Mk.-II		
Screwdrivers —		
Boley, with 4 blades		
Opticians		
Telescope , F.A.		
Tools , No. 7 dial sight—		
No. 1		
" 2	1 for each head-quarters	1 for each head-quarters.
" 3		
" 4		
" 5		
" 6		
" 7		
" 16		
Wrenches , adjusting, No. 7 dial sight and carrier		
<i>Section No. 17—B.</i>		
Rimers , breech screw, Q.F. 13 and 18-pr.	1 for each head-quarters (for artificer R.A.)	1 for each head-quarters (for artificer R.A.).
Wrenches , breech mechanism, No. 77, Mk. II or III		
<i>Section No. 27—A.</i>		
Cartridges , small-arm, ball—		
Revolver, .455-inch	18 for each pistol...	36 for each pistol.
.303-in. (charger packed)	50 rounds for each bandolier	50 rounds for each bandolier.
<i>Section No. 29—B.</i>		
Barometers , aneroid, $4\frac{1}{2}$ -in.	1 for each head-quarters	1 for each head-quarters.
Stereoscopes , No. 1		
Thermometers , survey		

Stores for use with Sick Horses

(See Part 1, *Equipment Regulations, for Peace Allowance.*)

1 Chest, veterinary, officers', for use in War, will be held in mobilization store.

(a) Materials for repair for use by Armament Artificer, R.A.

(To be carried in the "Chest, tool, filled, Armament Artificers, R. & R.F. Artillery," see para. 14801, L. of C.)
One set for each Brigade.

TABLE 8.		
Material.	Purpose for which required.	Peace and War.
<i>Section G 2.</i>		
Brass, round—		
$\frac{1}{4}$ -inch (18-inch lengths)	} Plotters, directors, stands, telescopes, telephones, &c.	{ 2 lengths. 2 lengths. 2 lengths.
$\frac{1}{4}$ -inch (18-inch lengths)		
$\frac{1}{4}$ -inch (18-inch lengths)		
Brass, sheet—		
2-feet $\times$ 2-inch, No. 10 S.W.G....	Protectors, slide, front of cradle	2 pieces.
2-feet $\times$ $\frac{3}{4}$ -inch, No. 14 S.W.G....	Bands, case, telescope ...	2 pieces.
2-feet $\frac{1}{4}$ -inch $\times$ $1\frac{1}{4}$ -inch, No. 19 S.W.G.	Protectors, straight, side of cradle	2 pieces.
1 square foot, No. 28 S.W.G. ...	} General use	{ 1 piece. 1 piece. 1 piece. 1 piece.
1 square foot, No. 22 S.W.G. ...		
1 square foot, No. 20 S.W.G. ...		
1 square foot, No. 17 S.W.G. ...		
Solder, tinman's, soft	General use	2 lbs.
Steel, mild—		
Round—		
$\frac{1}{4}$ -inch (12-inch lengths)	General use	6 lengths.
$\frac{1}{4}$ -inch (18-inch lengths)	" "	5 lengths.
Sheet, 2-feet $\times$ 1-foot—		
No. 10, B.G.	" "	1 piece.
No. 14, B.G.	Plate stop, net flap, &c. ...	1 piece.
No. 19, B.G.	Dust excluders—keep plate, &c.	2 pieces.
Steel, rods, bright—		
E	} Tools, pins of sighting gear, &c.	{ $\frac{1}{2}$ -lb. 1 lb. 1 lb.
No. 11		
No. 36		
Assorted sizes	Pins, sight, clinometer, &c. ...	2 lbs.
Steel, tool, Grade "B"—		
Flat, 2-inch $\times$ $\frac{1}{4}$ -inch (12-inch lengths)	Small spanners, tools, &c. ...	2 lengths.
Tinned-plate—		
D. x. 14-inches $\times$ 10-inches (b) ...	For liners, &c.	2 sheets.
D. x.x.x.x. 14-inches $\times$ 10-inches (b)	" " "	1 sheet.
Wire—		
Brass, soft, No. 3, S.W.G. (12-inch lengths)	General use	2 lengths.
Brass, soft, No. 12, S.W.G. (12-inch lengths)	Rivets, protector, front of cradle	2 lengths.

(a) See note, page 50.

(b) When stock is exhausted, "Tinned-plate, 17-inches $\times$ 12 $\frac{1}{2}$ -inches" will be issued in lieu.

(a) Materials for repair for use by Armament Artificer,
R.A.—continued.

Table 8—continued.	Purpose for which required.	Peace and War.
<i>Section G 2—continued.</i>		
<i>Wire—continued.</i>		
Copper, soft, No. 16, S.W.G. ...	Lashing, wire netting ...	$\frac{1}{2}$ lb.
P.B., No. 11, S.W.G. (12-inch lengths)	S-hooks, spiral springs, &c. ...	2 lengths.
Steel, soft, No. 3, S.W.G. (12-inch lengths)	Staples, rivets, screws, &c. ...	4 lengths.
Steel, soft, No. 6, S.W.G. (12-inch lengths)	Rivets, &c. ...	1 length.
Steel, soft, No. 8, S.W.G. (12-inch lengths)	Rivets for rod connecting, firing gear, &c.	2 lengths.
Zinc, alloy ...	For brazing ...	1 lb.
<i>Section No. 9—A.</i>		
Borax ...	For brazing ...	1 lb.
Plaster of Paris ...	Fixing bubbles ...	4 oz.
Zinc, chloride of, solution ...	For soldering ...	1 pint.
<i>Section No. 9—B.</i>		
Bottle, stone, 1 pint ...	For zinc chloride solution ...	1
<i>Section G 1.</i>		
Nuts, hexagon, $\frac{1}{2}$ -inch ...	Spindle range drum ...	3
Pins, keep, split (b)— $\frac{1}{2}$ -inch $\times$ 5-inch ...	Brake blocks and nut rod actuating brake	12
$\frac{3}{16}$ -inch $\times$ 3-inch ...	Cap lower elevating screw, cap wheel	12
$\frac{1}{2}$ -inch $\times$ 2 $\frac{1}{2}$ -inch ...	Traversing gear, stud, retaining stuffing box	12
$\frac{3}{32}$ -inch $\times$ 1 $\frac{1}{2}$ -inch ...	Sighting brackets, screws, clamping, &c.	18
$\frac{1}{16}$ -inch $\times$ $\frac{3}{4}$ -inch ...	Nuts, bolt, clamping sight bar	12
Rivets, copper, flat-head, tinned— $\frac{3}{16}$ -inch $\times$ 2 $\frac{1}{8}$ -inch (with washers)	Leather tool cases ...	12
$\frac{3}{16}$ -inch $\times$ 1 $\frac{1}{2}$ -inch " "	Leather cases on shield ...	12
$\frac{1}{8}$ -inch $\times$ 2 $\frac{1}{8}$ -inch " "	Leather cover of traversing lever handle	12
$\frac{1}{2}$ -inch $\times$ 1 $\frac{1}{2}$ -inch " "	Pad clip traversing lever, &c.	12
Washers, spring single turn, .5-inch hole (c)	Bolt securing shield ...	20
		for each battery.

(a) See note, page 50.

(b) To be shortened locally if required.

(c) Will be issued when stock of "Wires, looking, $\frac{1}{16}$ -inch nuts" (Section No. 14) is exhausted.

(a) Materials for repair for use by Armament Artificer,
R.A.—continued

Table 8—continued. Material.	Purpose for which required.	Peace and War.
<i>Section No. 14.</i>		
Bolts , with nuts, hexagon head, $\frac{3}{16}$ -inch $\times$ $\frac{1}{2}$ -inch head, .338-inch over flats	Arrow plate bracket, sight socket, No. 1 carrier for No. 7 dial sight	1
Collars , steel, turned—		
1-2-inch diam., $\frac{1}{8}$ -inch hole, $\frac{1}{10}$ -inch thick	Elevating screw	3
1-2-inch diam., $\frac{1}{8}$ -inch hole, $\frac{1}{8}$ -inch thick	Pinion handwheel lower, and traversing screw	3
1-2-inch diam., $\frac{1}{2}$ -inch hole, $\frac{1}{10}$ -inch thick	Pinion spindle range indicator and stud shield pawl	3
1-2-inch diam., $\frac{1}{2}$ -inch hole, $\frac{1}{8}$ -inch thick	Pinion handwheel upper ...	3
1-25-inch diam., $\frac{1}{2}$ -inch hole, $\frac{1}{10}$ -inch thick	Bolts, axletree, flange and bolt connecting brake arm	3
1-35-inch diam., $\frac{13}{20}$ -inch hole, $\frac{3}{20}$ -inch thick	Lever axis pin, brake gear, carriage	1
Collar , connecting arm, firing gear, Q.F. 13 and 18-pr.	Firing gear	6
Collar , spring lever, firing gear, Q.F. 13 and 18-pr.		6
Collar , fulcrum pin, firing gear, Q.F. 13 and 18-pr.		6
Nuts , steel, hexagon, castellated—		
$\frac{1}{2}$ -inch $\times$ $\frac{4}{10}$ -inch thick ...	Cover, top of elevating screw...	3
$\frac{1}{8}$ -inch $\times$ $\frac{4}{10}$ -inch ,, ...	Pawl pin, lever, traversing ...	3
$\frac{1}{2}$ -inch $\times$ $\frac{7}{16}$ -inch ,, ...	Guard, gun layer	3
Nuts , steel, hexagon, special—		
$\frac{1}{8}$ -inch $\times$ $\frac{7}{20}$ -inch thick, .919-inch across flats	Lower spindle, elevating gear	3
$\frac{1}{8}$ -inch $\times$ $\frac{4}{10}$ -inch thick, .919-inch across flats	Rod connecting elevating gear to range gear	3
With locking wire—		
$\frac{1}{2}$ -inch $\times$ $\frac{7}{16}$ -inch thick, .82-inch across flats	Advance loops and shield bolts	6
Nuts , steel, hexagon—		
$\frac{1}{2}$ -inch $\times$ $\frac{7}{20}$ -inch thick ...	Upper spindle, elevating gear	3
$\frac{1}{2}$ -inch $\times$ $\frac{3}{20}$ -inch thick ...	Bolt, clamping rocking bar sight	3
Rivets , copper, lid pad, ammunition box, Q.F. 18-pr.	Securing leather pads inside lids of ammunition boxes	48
Screws —		
Brass—		
Boss-head, $\frac{3}{16}$ -inch diam. $\times$ $\frac{3}{8}$ -inch long	Dust excluders, protectors, curved, side of cradle	12
Countersunk-head, $\frac{3}{16}$ -inch diam. $\times$ $\frac{1}{2}$ -inch long	Protectors, front of cradle ...	6
Steel, cheesehead, $\frac{5}{16}$ -inch diam. $\times$ $\frac{1}{8}$ -inch long	Fixing brackets, dial sight, and base blocks	9

(a) See note, page 50.

(a) Materials for repair for use by Armament Artificer,]
R.A.—continued

Table 8—continued.	Purpose for which required.	Peace and War.
Material.		
<i>Section No. 14—continued.</i>		
Screws—continued.		
Steel, cheesehead, $\frac{1}{8}$ -inch diam. $\times \frac{3}{10}$ -inch long	Securing deflection scale plate	6
Steel, hexagon head, special, $\frac{1}{4}$ -inch diam. $\times \frac{1}{2}$ -inch long, .448-inch across flats	Rocking bar sight	6
Screws, steel, countersunk-head—		
.25-inch $\times$.75-inch	Deflection bracket sight socket	1
.25-inch $\times$.6-inch	Clip, deflection, bracket elevating	1
Screws, steel, countersunk-head, boss—		
.25-inch $\times$.53-inch	Longitudinal level bracket elevating	1
.1875-inch $\times$.5-inch	Bearing strip, bracket reciprocating	1
.1875-inch $\times$.3-inch	Bearing, traversing screw, barsight	1
.125-inch $\times$.23-inch	Scale, plates and strip barsight	3
.125-inch $\times$.2-inch	Deflection, scale plate, bracket deflection	2
Screws, steel, cheesehead—		
.125-inch $\times$.33-inch	Flat spring, automatic clamp, barsight	1
.125-inch $\times$.22-inch head, .2-inch diam.	} Arrow plates, barsight	1
.125-inch $\times$.17-inch head, .25-inch diam.		1
.125-inch $\times$.28-inch head, .3-inch diam.		1
.1875-inch $\times$.5-inch head, .5-inch diam.	Traversing screw, deflection bracket	1
.1875-inch $\times$.7-inch head	Trunnion nut bearing bracket elevating arc	1
Screws, steel, hexagon, head—		
.1875-inch $\times$.5-inch head, .338-inch over flats	Cross level bracket elevating arc	1
.1875-inch $\times$.45-inch head, .338-inch over flats	Arrow plate, bracket sight socket	1
Springs, clamping handle, fuze indicator (for No. 8 indicator)	... ..	4
Springs, reader, fuze indicator ... ..	... ..	4
Springs—		
Catch retaining sight	} No. 1 carrier No. 7 dial sight	2
Plunger, deflection bracket		2
Cross level	} Reflector, carrier, No. 7 dial sight, No. 1 (with 2 screws)	1
Longitudinal level		1

(a) See note, page 50.

(a) Materials for repair for use by Armament Artificer,
R.A.—*continued*

Table 8— <i>continued</i> . Material.	Purpose for which required.	Peace and War.
<i>Section No. 14—continued.</i>		
Springs, discs—		
No. 73	Barsight	1
No. 74	No. 1 carrier for No. 7 dial sight	1
No. 75		1
No. 76		1
No. 77		1
Wires, locking, 7/16-inch nuts (b) ...	Bolts, securing shields... ..	30 for each battery.
<i>Section No. 15—B.</i>		
Bubbles, spirit, glass L	For clinometer sight	16
„ „ „ C ... ..	... ..	1

(a) NOTE.—These stores will be demanded as may be necessary from time to time to ensure that the supply in the chest does not fall below 50 per cent. of the full complement.

(b) When stock is exhausted, “Washers, spring, single-turn, $\frac{1}{2}$ -inch (Section G 1)” will be issued in lieu.

The undermentioned inflammable stores, if required, may be demanded from the nearest R.A.O.C., or obtained locally, as required :—

Table 8— <i>continued.</i>		Purpose for which required.	Peace and War.
Material.			
<i>Section No. 9—A.</i>			
Lacquer, pale gold ... ..	...	... ..	$\frac{1}{2}$ pint.
Methylated spirit, industrial	...	} for use with brazing lamp	3 pints.
Oil, mineral, burning	...		2 gallons.
Solution, bronzing	...		$\frac{1}{2}$ pint.
<i>Section No. 9—B.</i>			
Bottles—			
Stone, $\frac{1}{2}$ pint	...	For lacquer and bronzing solu- tion	2
Tin, oil—			
2 quarts	...	For methylated spirit	1
2 gallons	...	For oil, mineral, burning	1

2.—BATTERIES

Arms

TABLE 9.	General Proportions, Peace and War.
<i>Weedon Section—A.</i>	
Rifles, short, M.L.E.	36 for each battery.
Bottles, oil	1 for each rifle.
Protectors, muzzle, No. 3	War only, 1 for each rifle.
Pullthroughs, .303-inch arms, Mk. IV—	
B	1 per rifle (a).
Gauze, wire pieces	1 per rifle (a).
Reflectors, mirror, S.A., .303-inch	1 for each battery.
<i>Weedon Section—B.</i>	
Pistols, revolver, .455-inch, Webley	1 each for B.S.M., Q.M.S., Farrier-Serjeant and 2 for signallers.
Rods, cleaning, Pistol, Webley, No. 2	1 for each Pistol, Webley.
Pistols, Signal, 1-inch	1 for each battery.
Swords, cavalry, patt. '08	1 for each battery for training officers' chargers (peace only).
Scabbards, sword, cavalry, patt. '08	1 for each cavalry sword.

(a) And 5 per cent. spare (Peace only).

Accoutrements

TABLE 10.				General Proportions.	
				Peace.	War.
Articles.					
<i>Section A—1.</i>					
Bags, ration				...	1 each officer and all ranks.
Bandoliers, 50 rounds				1 for each W.O., N.C.O. and man	1 for each W.O., N.C.O. and man, except those armed with a pistol.
Belts, waist, B.E., leather				1 for each W.O., N.C.O. and man	1 for each man armed with a pistol.

Accoutrements—continued

Table 10—continued.		General Proportions..	
		Peace.	War.
<i>Section A—1—continued.</i>			
Bottles, water, Mark VI	... ..	1 for each Warrant Officer, N.C.O. and man	1 for each Warrant Officer, N.C.O. and man.
Braces, with buckle	... ..	1 for each haversack	1 for each haversack.
Bugles	... ..	1 for each trumpeter	1 for each trumpeter.
Carriers, water-bottle, O.S.	... ..	1 for each water-bottle	1 for each water-bottle.
Cases, pistol, with leather loops	... ..	1 for each man armed with a pistol	1 for each man armed with a pistol.
Haversacks, O.S.	... ..	1 for each Warrant Officer, N.C.O. and man	1 for each Warrant Officer, N.C.O. and man.
Helmets, steel	... ..	1 for each Officer, W.O., N.C.O. and man	1 for each Officer, W.O., N.C.O. and man.
Knots, sword, buff, M.S.	... ..	1 for each cavalry sword	... ..
Lanyards, pistol	... ..	1 for each pistol	1 for each pistol.
Pouches, ammunition, pistol, with leather loop	... ..	1 for each pistol	1 for each pistol.
Slings, rifle, web	... ..	1 for each rifle	1 for each rifle.
Straps, brown, mess-tin, M.S.	... ..	1 for each W.O., N.C.O. and man and 5 per cent. spare	1 for each W.O., N.C.O. and man.
Strings, bugle and trumpet, Royal	... ..	2 for each trumpeter	2 for each trumpeter.
Thongs, whistle	... ..	1 for each whistle, artillery	1 for each whistle, artillery.
Tins, mess, M.S.	... ..	1 for each W.O., N.C.O. and man and 5 per cent. spare	1 for each W.O., N.C.O. and man.
Trumpets	... ..	1 for each trumpeter	1 for each trumpeter.
Whistle, artillery	... ..	1 for each warrant officer, staff-serjeant, or serjeant	1 for each warrant officer, staff-serjeant and serjeant.

Harness and Saddlery

TABLE 11.	Peace and War.	Remarks.	
HARNESS.			
<i>Section No. 5—A.</i>			
Harness, P.D.G.S.—			
Lead (a) ... double sets	1 for each 4-horsed vehicle 2 for each 6-horsed vehicle	50 per cent. of the spare horses allowed to batteries will be equipped for peace and war.	
Wheel (a) ... „	1 for each vehicle fitted with pole, draught		
Harness, shaft draught (a), off... sets	1 for each vehicle fitted for shaft draught and for which only 1 horse is allowed		
.			
SADDLERY.			
<i>Section No. 6—A.</i>			
Officers (a) sets	1 for each officer...		
Universal, R.A. (a) „	1 for each W.O., N.C.O. and man for whom horses are allowed by establishment		
Blankets, saddle	1 for each horse, except when issued with H. & S. (War only)		

(a) For detail of sets of harness and saddlery, see Part 1, Equipment Regulations. In war a reversible bit, rein, head collar, surcingle and head bridle will be issued for each horse not equipped with a set of harness or saddlery.

Harness and Saddlery—continued

TABLE 12.

Peace.
Spare
for each
battery.

Section No. 2—A.

Ropes, head, hemp with ring. Mark IV	...	...	...	...	...	...	...	...	...	4
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Section No. 5—A.

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Breechings	...	...	...	...	...	...	...	...	...	2
Collars, breast	...	...	...	...	...	...	...	...	...	4
Leggings, drivers	...	...	...	...	...	...	...	...	...	2
Neckpieces, pole bar	...	...	...	...	...	...	...	...	...	4 (a)
Pans, oil	...	...	...	...	...	...	...	...	...	2
Reins, driving, long	...	...	...	...	...	...	...	...	set	1
Rings, rein, driving	...	...	...	...	...	...	...	...	...	4
Straps—										
Hip, long, wheel	...	...	...	...	...	...	...	...	...	1
Loin, lead	...	...	...	...	...	...	...	...	...	1
Neck	...	...	...	...	...	...	...	...	...	2
Traces, wire—										
Short	...	...	...	...	...	...	...	...	pairs	2
Long	...	...	...	...	...	...	...	...	„	2
Adjustable	...	...	...	...	...	...	...	...	„	2
Whips—										
Drivers	...	...	...	...	...	...	...	...	...	2
Driving, Mark III	...	...	...	...	...	...	...	...	...	1

Section No. 6—A.

Bits, portmouth, reversible	...	...	...	...	...	...	...	...	...	5
Blankets, saddle	...	...	...	...	...	...	...	...	...	2
Collars, head	...	...	...	...	...	...	...	...	...	2
Girths, leather, patt. '84	...	...	...	...	...	...	...	...	...	2
Leathers, stirrup	...	...	...	...	...	...	...	...	...	2
Stirrups	...	...	...	...	...	...	...	...	...	2
Surcingle, leather	...	...	...	...	...	...	...	...	...	2

(a) Also for war, 1 on each gun-carriage limber.

Harness and Saddlery—Miscellaneous Articles and Stable Necessaries

TABLE 13. Articles.		General Proportions.	
		Peace.	War.
<i>Section No. 5—A.</i>			
Boots, remount (d)	10 per cent. of establishment of horses	...	...
Bags, nose, pattern 1916—			
Large	...	1 for each heavy draught horse.	
Small	1 for each horse and 4 spare for each battery	1 for each horse, except heavy draught.	
Brushes—			
Harness, hard	1 for each double set of harness annually	1 for each double set of harness.	
Dandy (a)	...	...	
Horse	1 for each horse annually	1 for each horse.	
Combs, curry	"	...	
Rubbers, horse	"	1 for each horse.	
Scissors, trimming	pairs 8 for each battery	...	
Straps, kicking (b)	1 "	...	
Equitation Articles (c)	set 1 "	...	
Crosstrees	1 "	...	
Pads, vaulting	4 "	...	
Sponges, 7-drachms (or 1-oz.)	1 for each single set of harness and 1 for each set of saddlery annually	...	
Clippers, horse	See para. 289, E.R., Pt. 1, 1923.		
<i>Section No. 6—A.</i>			
Frogs, sword, saddle	1 for each battery	...	
Straps, shoe case, patt. '84 (for sword frog)	1 "	...	
Saddlery, universal—			
Buckets, rifle, cavalry, Mark II	4 for each battery	4 for each battery.	

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- (a) See Part I, Equipment Regulations, as to allowance (in lieu of brushes, horse).
 (b) Special to pole draught.
 (c) For detail of sets, see Part I, Equipment Regulations.
 (d) The size (large, medium or small) should be stated on demands.

HARNESS AND SADDLERY, &c.

Materials for Preservation and Repair of Harness and Saddlery, including Saddle-trees, are given in Part 1, Equipment Regulations.

CARRIAGES, &c.

For components, accessories, spare parts, wagon and cart equipment of vehicles, see Part 1, Equipment Regulations.

TABLE 14.	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.

†CARRIAGES, FIELD, Q.F. 18-PR., MARKS I*, I** AND II.

Section No. 14.						
Adapters—						
Pump pipe, Q.F. 18-pr., Marks I*-II, field carriages...	1(c)	...	...	1(c)	...	...
No. 2 pump, liquid, portable, No. 1	1(c)	...	...	1(c)	...	...
Apparatus , illuminating, aiming point ... sets	1	...	...	1	...	...
Bar—						
Testing, rocking bar sight, Q.F. 13 and 18-pr., Marks I-II, field carriages ...	...	...	1	...	...	1
Supporting draught pole, No. 3 (spare)	1	1(b)	...	1	1(b)	...
Blocks , brake, field and transport(a) (spare)	1	1(b)	...	1	1(b)	...
Box , bar testing rocking bar sight, Q.F. 13 and 18-pr., Marks I-II, field carriages ...	...	...	1	...	...	1
Boxes—						
Charging pumps ...	1(c)	...	...	1(c)	...	...
Dust cap and drag washer, Q.F. 13 and 18-pr. ...	1(c)	...	...	1(c)	...	...
Cans , lubricating, No. 3 ...	2	2	...	2	2	...
Caps , dust, 2nd class, "C" capped wheels, No. 1 ... (spare)	1(c)	...	...	1(c)	...	...
Carriages , field, Q.F. 18-pr., Marks I*, I** or II ...	...	...	4	...	...	4

† Note.—See pages 61 to 71 for particulars of Marks III T to V Carriages.
 (a) Carried as convenient. (b) Per sub-section. (c) Per section.

Carriages, &c.—*continued*Table 14—*continued*.

	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.

†CARRIAGES, FIELD, Q.F. 18-PR., MARKS I*, I** AND II—*contd.*Section No. 14—*continued*.

Carriages, field, Q.F. 18-pr., Marks I*, II—

Buffer, hydraulic

Plugs, air hole ... (spare) 1(c) ... 1(c) ...

Plugs, filling hole ... (") 1(c) ...

Rings, joint, seating, relief valve (spare) 1 ... 1 ...

Rings, packing, stuffing box, "L"-section ... (spare) 2 ... 2 ...

Springs, plunger locking, adjusting plug ... (spare) 1 ... 1 ...

Springs, relief valve ... (") 1(c) ... 1(c) ...

Valves, recoil ... (") ... 1 ... 1

Washers, packing, stuffing box (spare) 2 ... 2 ...

Buffer and recuperator—

Springs, gland catch(d) ... (") 1(c) ... 1(c) ...

Springs, plunger, gland stop (a) (spare) 1(c) ... 1(c) ...

Washers, packing, filling plugs (spare) 6 ... 6 ...

Gear, firing—

Springs ... (") 1 ... 1 ...

Recuperator—

Plugs, adapter hole ... (") 1(c) ... 1(c) ...

Plugs, filling hole ... (") 1(c) ... 1(c) ...

Rings, packing, piston, square section (in 4 sections) sets (spare) 2 ... 2 ...

Rings, packing, piston, "U"-section ... (spare) 4 ... 4 ...

Rings, packing, stuffing box, "L"-section ... (spare) 2 ... 2 ...

Springs, piston packing(b) (") 1(c) ... 1(c) ...

Springs, retarding valve... (") 1(c) ... 1(c) ...

† Note.—See pages 61 to 71 for particulars of Marks III T to V Carriages.

(a) Not required when Mark II glands are fitted.

(b) Not required when recuperator pistons are fitted with bronze supporting sleeve, *vide* L. of C., § 23711.

(d) Only required when Mark II glands are fitted.

(e) Per section.

Carriages, &c.—*continued.*

Table 14— <i>continued.</i>	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.
†CARRIAGES, FIELD, Q.F. 18-PR., MARKS I*, I** AND II— <i>contd.</i>						
<i>Section No. 14—continued.</i>						
Carriages, field, Q.F. 18-pr., Marks I*-II— <i>contd.</i>						
Recuperator— <i>contd.</i>						
Valves, retarding... (spare)	1(b)	...	...	1(b)	...	...
Washers, packing, adapter plug (spare)	2	...	...	2	...	...
Washers, packing, stuffing box (also for rear plug, hydraulic buffer) ... (spare)	4	...	...	4	...	...
Sockets, pickaxe, helve ...	1	...	...	1	...	...
Carriages, field, Q.F. 13-pr. and 18-pr., Marks I-II—						
Gear, brake—						
Nut, actuating screw ... (spare)	1(b)	...	...	1(b)	...	...
Gear, range—						
Springs, spiral ... (")	1(b)	...	...	1(b)	...	...
Lubricators, gun slide ... (")	1	...	...	1	...	...
Pins, capsquare ... (")	...	...	1	...	...	1
Carriages, field, Q.F. 13-pr. and 18-pr., Marks I-IV and 4.5-inch howitzer—						
Lever, traversing—						
Springs, plunger ... (spare)	1(b)	...	...	1(b)	...	...
Carriers, No. 7 dial sight, No. 2						
Mark II or No. 2 Mark III	1	...	1(a)	1	...	1(a)
Cases, field clinometer, No. 1	1	...	...	1	...	...
Cases—						
No. 3 lubricating can ...	2	2	...	2	2	...
Spare parts, Q.F. 13-pr. and 18-pr., Marks I-II carriages	1	...	...	1	...	...
Spare sight clinometer ...	...	...	1	...	...	1
Tool, Q.F. 18-pr., Marks I*-II carriages ...	1	...	...	1	...	...
Catches, limber, hooks, No. 2 (spare)	...	1(b)	...	...	1(b)	...

† Note.—See pages 61 to 71 for particulars of Marks III T to V Carriages.

(a) One spare will be transferred to "A" Echelon of the Divisional Ammunition Column on mobilization and carried in the limbered wagon for technical stores.

(b) Per section.

Carriages, &c.—continued

Table 14—continued.	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.
†CARRIAGES, FIELD, Q.F. 18-PR., MARKS I*, I** AND II— <i>contd.</i>						
Section No. 14—continued.						
Covers—						
Eccentric brake gear, Q.F. 13-pr. and 18-pr., Marks I-II carriages	1	...	...	1	...	...
Apparatus illuminating aiming point	1	...	...	1	...	...
Handles, driving, Nos. 2 and 5, two-stage horizontal air pumps	1(a)	...	...	1(a)	...	...
Hose, Nos. 2 and 5 horizontal air pumps	1(a)	...	...	1(a)	...	...
Indicators, fuze, Nos. 8, 9 or 10	1	1(b)	...	1	1(b)	...
Keys—						
Removing jammed cartridges, Q.F. 13 and 18-pr	1(a)	...	...	1(a)	...	...
Split, flat, 1-inch × 4-inch (spare)	1	...	...	1	...	...
Limbers, Q.F. 18-pr.—						
Carriage, Mark II	...	...	4	...	...	4
Wagon, Mark II	...	...	8	...	...	4
Pins, draught, No. 3 (spare)	1	...	...	1	...	...
Plates, locking nuts, pipe box, 2nd class "C" Nos. 45 and 45A wheels (spare)	...	1(a)	...	...	1(a)	...
Poles, draught, No. 18 (" ")	...	1(b)	...	...	1(b)	...
Pumps—						
Air, 2-stage, horizontal, No. 2	1(a)	...	...	1(a)	...	...
Liquid, portable, No. 2	1(a)	...	...	1(a)	...	...
Rings, compressed packing—						
No. 8	4	...	...	4	...	...
No. 8, supplementary (" ")	4	...	...	4	...	...
Screws, lubricating hole, boss-head, 5/16-inch × 1/4-inch (spare)	2	...	...	2	...	...
Sights, rocking bar, Q.F. 18-pr., Marks I-II field carriages	1	...	...	1	...	...
Spanners—						
No. 93	...	1(b)	...	...	1(b)	...
No. 244	1	...	...	1	...	...
No. 267	...	...	1	...	...	...

† Note.—See pages 61 to 71 for particulars of Marks III T to V Carriages.

(a) For each section.

(b) For each sub-section.

Carriages, &c.—continued

Table 14—continued.	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.

†CARRIAGES, FIELD, Q.F., 18-PR., MARKS I*, I** AND II—contd.

Section No. 14—continued.

Spanners, hydraulic buffer—

No. 122	...	...	...	1	...	...	1	...	...
„ 123	...	...	...	1	...	...	1	...	...
„ 169	...	...	...	1	...	...	1	...	...
„ 170	...	...	...	1	...	...	1	...	...
„ 171	...	...	...	1	...	...	1	...	...
„ 172	...	...	...	1	...	...	1	...	...
„ 173	...	...	...	1	...	...	1	...	...
„ 174	...	...	...	1	...	...	1	...	...
„ 176 (with No. 37 tommy)	...	...	...	1	...	...	1	...	...

Spanners, Nos. 2, 3 and 5 horizontal air pumps—

Large	...	...	...	1(a)	...	...	1(a)	...	...
Small	...	...	...	1(a)	...	...	1(a)	...	...

Spindles, catch, limber hooks, No. 2 (spare)

...	1(e)	...	...	1(e)	...
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Springs—

Catch, limber and perch hooks

Disc, No. 62	...	...	...	1	1(a)	...	1	1(a)	...
...	...	...	...	1	...	...	1	...	...

Straps, securing(c)—

1-inch × 72-inch	...	...	...	1	...	...	1	...	...
1 „ × 54 „	...	...	...	2	...	...	2	...	...
1 „ × 48 „ R.L.	...	...	...	4	8	...	4	8	...
1 „ × 44 „	...	...	...	2	...	...	2	...	...
1 „ × 36 „	...	...	...	3	3	...	3	3	...
1 „ × 36 „ D.L.	...	...	...	1	...	...	1	...	...
1 „ × 30 „	...	...	...	8	16	...	8	16	...
1 „ × 26 „	...	...	...	2	3	...	2	3	...
1 „ × 22 „	...	...	...	1	9	...	1	9	...
1 „ × 18 „	...	...	...	3	...	...	3	...	...
1 „ × 13 „	...	...	...	1	1	...	1	1	...
1 „ × 10 „	...	...	...	2	4	...	2	4	...
1 „ × 10 „ (double loop)	with 1	...	...	1	...	...	1	...	...
1 „ × 10 „ (double loops)	with 2	...	...	...	1	...	...	1	...

†Note.—See pages 61 to 71 for particulars of Marks III T to V Carriages.

(b) For each sub-section.

(c) For detail of straps see Appendix I.

(e) For each section.

Carriages, &c.—*continued*

Table 14— <i>continued</i> .	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.

†CARRIAGES, FIELD, Q.F., 18-PR., MARKS I*, I** AND II—*contd.*Section No. 14—*continued*.Straps, securing—*continued*.

3/4 inch × 36 inch ...	1	...	...	1	...	...
1/2 " × 22 " ...	1	...	...	1	...	...
1/2 " × 18 " ...	1	2	...	1	2	...
1/2 " × 13 " ...	1	...	...	1	...	...
Tommy, No. 40 ...	1	...	...	1	...	...
Trays, box, ammunition, Q.F. 13-pr. and Mark II, 18-pr.—						
Carriage, limber—						
Lower "A" ...	1	...	...	1	...	...
Upper ...	1	...	...	1	...	...
Trays, box, ammunition—						
Q.F. 18 pr., Mark II wagon limber	...	1	...	...	1	...
Q.F. 18-pr., Mark II wagon	...	1	...	...	1	...
Wagons, ammunition, Q.F. 18-pr., Mark II ...	...	...	8	...	...	4
Wagon, limbered, F.A.—						
Fore ...	...	...	1	...	...	...
Hind ...	...	...	1	...	...	...

Section No. 16—A.

Rings, compressed, packing—

No. 17 (b) ... (spare)	4	...	...	4	...	...
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†CARRIAGES, FIELD, Q.F. 18-PR., MARKS III T TO V.

Section No. 14.

Adapters—

No. 2 pump liquid portable, No. 2	1(a)	...	...	1(a)	...	...
Pump pipe, Q.F. 18-pr., Marks III T to V carriages	1(a)	...	...	1(a)	...	...
Washers, packing, 1 1/2/10-inch diam. (spare)	2	...	...	2	...	...

† Note.—See pages 61 to 71 for particulars of Marks III T to V Carriages.

† Note.—See pages 56 to 61 for particulars of Marks I*, I** and II Carriages.

(a) For each section. (b) For Q.F. 18-pr., Marks I*, I** and II carriages only.

Carriages, &c.—continued

Table 14—continued.

	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.

†CARRIAGES, FIELD, Q.F. 18-PR., MARKS III^T TO V—contd.

Section No. 14—continued.

Apparatus, illuminating, aiming points ... sets	1	...	...	1	...	...
Bars, supporting draught pole, No. 3 ... (spare)	1	1(b)	...	1	1(b)	...
Blocks, brake, field and transport (spare)	1	1(b)	...	1	1(b)	...
Boxes, charging pumps ...	1(a)	...	...	1(a)	...	...
Caps, dust, 2nd class "C" capped wheels—						
No. 4... (spare)	1(a)	...	...	1(a)	...	...
Cans, lubricating, No. 3 ...	2	2	...	2	2	...
Carriages, field, Q.F. 18-pr., Marks III ^T , IV or V ...	...	...	4	...	...	4
Carriages, field, Q.F. 18-pr., Marks III ^T and IV—						
Gear, brake—						
Nut, actuating screw ... (spare)	1	...	...	1	...	...
Gear, elevating—						
Worms ... (")	1(a)	...	...	1(a)	...	...
Lever, traversing, Mark II—						
Pawl ... (")	...	...	1	...	...	1
Trail—						
Springs, clip traversing lever(")	2	...	...	2	...	...
Carriages, field, Q.F. 18-pr., Marks III ^T to V—						
Buffer, hydraulic—						
Plates, locking, rear plug (spare)	...	...	1	...	...	1
Studs, locking plate ... (")	1(a)	...	...	1(a)	...	...
Valves, adjusting run-out (")	1(a)	...	...	1(a)	...	...
Washers, packing, rear plug (")	2	...	...	2	...	...
Washers, packing, snifting valve plug ... (spare)	2	...	...	2	...	...

† Note.—See pages 56 to 61 for particulars of Marks I*, I** and II^T Carriages.

(a) For each section.

(b) For each sub-section.

Carriages, &c.—*continued*Table 14—*continued*.

	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.
‡CARRIAGES, FIELD, Q.F. 18-PR., MARKS III ^T TO V— <i>contd.</i>						
<i>Section No. 14—continued.</i>						
Carriages, field, Q.F. 18-pr., Marks III ^T to V— <i>contd.</i>						
Buffer and recuperator—						
Packings, valve ... ..(spare)	2	...	...	2	...	...
Rings, joint, stuffing box („)	2	...	...	2	...	...
Washers, packing, air plug and snifting valve, seating (spare)	4	...	...	4	...	...
Cradle—						
Packings, isolating valve socket (spare)	1	...	...	1	...	...
Washers, packing, pipe connection (spare)	1	...	...	1	...	...
Gear, cut-off—						
Pins, lever(„)	1(a)	...	...	1(a)	...	...
Gear, firing—						
Springs(„)	2	...	...	2	...	...
Gear, range—						
Blades, yard scale reader, M.V. corrector, indicator, 9-in. dial (spare)	1	...	...	1	...	...
Nuts, adjusting screw, M.V. corrector, indicator, 9-inch dial ... ..(spare)	1	...	...	1	...	...
Springs, plunger, dial carrier, indicator, 9-inch dial ... (spare)	1	...	...	1	...	...
Worms(„)	1(a)	...	...	1(a)	...	...
Pads, beating face(„)	1	...	...	1	...	...
Pins, hinge, capsquare “A” („)	1(a)	...	...	1(a)	...	...
Recuperator—						
Liners, body—						
Front, left(„)	1(a)	...	...	1(a)	...	...
„ right(„)	1(a)	...	...	1(a)	...	...
Rear(„)	1	...	...	1	...	...
Plugs—						
Adapter hole(„)	1(a)	...	...	1(a)	...	...
Air, release(„)	1	...	...	1	...	...
Oil filling hole(„)	1	...	...	1	...	...

‡ Note.—See pages 56 to 61 for particulars of Marks I*, I** and II Carriages.

(a) For each section.

Carriages, &c.—continued

Table 14—continued.

	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.

†CARRIAGES, FIELD, Q.F., 18-PR., MARKS III to V—contd.

Section No. 14—continued.

Carriages, field, Q.F., 18-pr., Marks III to V—contd.

Rings—

Joint, air reservoir stuffing box ... (spare)	2	...	...	2	...	...
Packing, floating piston, "U"-section ... (spare)	2	...	...	2	...	...
Packing, gland, "U"-section (spare)	2	...	...	2	...	...
Packing, piston ... (")	2	...	...	2	...	...

Valves—

Air ... (")	1(a)	...	...	1(a)	...	...
Oil filling ... (")	1(a)	...	...	1(a)	...	...

Washers, packing, adapter plug (also Mark III adapter pump pipe) ... (spare)	4	...	...	4	...	...
Washers, packing, filling plug (spare)	2	...	...	2	...	...

Springs, slider, recoil indicator (spare)	1(a)	...	...	1(a)	...	...
---	------	-----	-----	------	-----	-----

Carriages, field, Q.F., 18-pr., Mk. V—

Gear, brake—						
Bands ... (spare)	1(a)	...	...	1(a)	...	...
Nuts, actuating, R.H. thread (spare)	1(a)	...	...	1(a)	...	...
Nuts, actuating, L.H. thread (spare)	1(a)	...	...	1(a)	...	...
Gear, elevating—						
Worms ... (")	1(a)	...	...	1(a)	...	...
Gear, traversing—						
Worms ... (")	1(a)	...	...	1(a)	...	...
Trails, Marks I and II—						
Catches, locking, trail legs (")	1(a)	...	...	1(a)	...	...
Liners, left, trail leg, trail eye bracket, locking catch (spare)	1(a)	...	...	1(a)	...	...

† Note.—See pages 56 to 61 for particulars of Marks I*, I** and II Carriages.

(a) For each section.

Carriages, &c.—*continued*Table 14—*continued*.

	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.

†CARRIAGES, FIELD, Q.F. 18-PR., MARKS III to V—*contd.*

<i>Section No. 14—continued.</i>						
Carriages, field, Q.F. 18-pr., Mk. V—<i>contd.</i>						
<i>Trails, Marks I and II—continued.</i>						
Pins, locking, left leg, trail eye, bracket ... ..(spare)	1(a)	...	...	1(a)	...	...
Plates, locking ball bracket, large ball gland, ... (spare)	1	...	...	1	...	...
Plates, locking ball brackets, small ball gland, ... (spare)	1	...	...	1	...	...
Springs, trail legs, locking, catch ... ..(spare)	1(a)	...	...	1(a)	...	...
Springs, toothed spade catch ..	1	...	...	1	...	...
Trail, Mark I—						
Pawl, toothed spade catch (spare)	1	...	...	1	...	...
Trail, Mark II—						
Pawl, toothed spade catch (spare)	1	...	...	1	...	...
Carriages, field, Q.F. 18-pr., Marks IV and V—						
Pins, hinge, capsquare, "B" (spare)	1(a)	...	...	1(a)	...	...
Carriages, field, Q.F. 13-pr., 18-pr., Mks. I-IV, and 4·5-in. howitzer—						
<i>Lever, traversing—</i>						
Spring, plunger ... ..(spare)	1	...	...	1	...	...
Carriages, field, Q.F. 13 p.r., and 18-pr., Marks 1 to IV—						
Plungers, traversing lever	1(a)	...	...	1(a)	...	...
Carriers, No. 7 dial sight—						
No. 2 Mark II (b)	1	...	1(e)	1	...	1(e)
No. 10 or 11(c)	1	...	1(e)	1	...	1(e)
No. 11(d)	1	...	1(e)	1	...	1(e)
Nos. 10 and 11—						
Screws, adjusting, dial sight carrier ... ..(spare)	2	...	...	2	...	...

† Note.—See pages 56 to 61 for particulars of Marks I*, I** and II Carriages.

(a) For each section.

(b) For Marks III to V carriage. Will be issued to Marks III and IV carriages when existing stocks of Nos. and 11 carriers are exhausted.

(c) For Mark IIIr carriages will be replaced by No. 2 Mark III carrier when stocks are exhausted.

(d) For Mark IV carriage.

(e) One spare on mobilization to be transferred to "A" Echelon of Divisional Ammunition Column, and F.A. column.

Carriages, &c.—continued

Table 14—continued.

	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.
‡CARRIAGES, FIELD, Q.F. 18-PR., MARKS III to V—contd.						
Section No. 14—continued.						
Carriers, No. 7 dial sight—contd.						
Nos. 2, 10 and 11—						
Washers, spring (d)	1	...	...	1	...	...
Cases—						
Field clinometer, No. 1	1(a)	...	...	1(a)	...	...
Spare parts, Q.F. 18-pr., Marks III to V carriages	1	...	...	1	...	...
Spare, sight clinometer	...	...	1	...	...	1
Tools, Q.F. 18-pr., Marks III to V carriage	1	...	...	1	...	...
No. 3 lubricating can	2	2	...	2	2	...
Catches, limber hook, No. 2 (spare)	...	1(a)	...	...	1(a)	...
Covers, eccentric brake gear, Q.F. 18-pr., Marks III to IV carriages	1	...	...	1	...	...
Covers, apparatus illuminating aiming points	1	...	...	1	...	...
Eyes, trail, No. 40 ... ..(spare)	1(a)	...	...	1(a)	...	...
Handles, driving, Nos. 2 and 5, two-stage horizontal air pumps	1(a)	...	...	1(a)	...	...
Hose, Nos. 2 and 5 horizontal air pumps	1(a)	...	...	1(a)	...	...
Indicators, fuze, Nos. 8, 9 or 10	1	1(b)	...	1	1(b)	...
Keys—						
Adjusting valves, field carriages	1	...	...	1	...	...
Removing, jammed cartridges	1(a)	...	...	1(a)	...	...
Split, flat, 1-inch × 4-inch (spare)	1	...	...	1	...	...
Limbers, Q.F. 18-pr.(c)—						
Carriage, Mark II or III	...	...	4	...	...	4
Wagon, Mark II	...	...	8	...	...	4
Pads, knee-rest, Q.F. 18-pr., Marks III to IV carriages						
...	1	...	...	1	...	...
Pins, draught, No. 3 ... ..(spare)	1	...	...	1	...	...
Poles, draught, No. 18(„)	...	1(b)	...	...	1(b)	...
Pumps—						
Air, 2-stage, horizontal, No. 5	1(a)	...	...	1(a)	...	...
Hand, suction and force, screw-acting, No. 2	1(a)	...	...	1(a)	...	...
Liquid portable, No. 2	1(a)	...	...	1(a)	...	...

‡ Note.—See pages 56 to 61 for particulars of Marks I*, I** and II Carriages.

(a) For each section.

(b) For each sub-section.

(c) The mark of limbers to be held will be ordered by War Office.

(d) Not required for No. 10 Mark II and No. 2 Mark III carriers.

Carriages, &c.—continued

Table 14—continued.

	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.
‡CARRIAGES, FIELD, Q.F. 18-PR., MARKS IIIT to V—contd.						
Section No. 14—continued.						
Rings, compressed packing—						
No. 29 (spare)	2	...	...	2	...	...
No. 29, supplementary ... („)	2	...	...	2	...	...
No. 30 („)	2	...	...	2	...	...
No. 30, supplementary ... („)	2	...	...	2	...	...
Sights, rocking bar, Q.F. 18-pr.,	1(b)	...	...	1(b)	...	...
Mark IIIT field carriage ...						
Sights, rocking bar, Q.F. 18-pr.,						
Mark IV field carriage ...						
Sights, rocking bar, Q.F. 18-pr.,	1(a)	...	...	1(a)	...	...
Marks VA, VB, VO and VD field						
carriages						
Sights, rocking bar, Q.F. 18-pr.,						
Marks IIIT to V field carriages—						
Bolts, clamping cross-levelling	1(a)	...	...	1(a)	...	...
gear (spare)						
Bushes, Part I outer cross-level-						
ling plates... .. (spare)						
Nuts, cross-levelling ... („)	1(a)	...	...	1(a)	...	...
Nuts, securing cross-levelling plates	1	...	...	1	...	...
(spare)						
Pins, hinge, cross-levelling nut						
(spare)						
Pins, hinge, cross-levelling plates	1(a)	...	...	1(a)	...	...
(spare)						
Screws, cross-levelling ... („)						
Screws, fixing bearing plates, Part						
I outer cross-levelling plates	2	...	...	2	...	...
(spare)						
Sleeves, cross-levelling ... („)						
Wheels, hand, cross-levelling						
(„)	1(a)	...	...	1(a)	...	...
Brackets, open sight—						
Bushes, square ... („)						
Clips, foresight cap ... („)						
Handles, clamping screw („)	1(a)	...	...	1(a)	...	...
Heads, milled, deflection screw						
(spare)						

‡ Note.—See pages 56 to 61 for particulars of Marks I*, I** and II Carriages.

(a) For each section.

(b) According to mark of carriage on charge.

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Carriages, &c.—*continued*

Table 14— <i>continued</i> .	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.

†CARRIAGES, FIELD, Q.F. 18-PR., MARKS IIIr TO V—*contd.*

<i>Section No. 14—continued.</i>						
Sights, rocking bar, Q.F. 18-pr.						
Marks IIIr to V field carriages— <i>continued.</i>						
Brackets, open sight—<i>continued.</i>						
Heads, plain, deflection screw (spare)	1(a)	...	...	1(a)	...	...
Plates, clamping deflection drums ... (spare)	1(a)	...	...	1(a)	...	...
Plates, clamping dial sight carrier ... (spare)	1(a)	...	...	1(a)	...	...
Plugs, end, cross-level carrier (spare)	1	...	...	1	...	...
Screws, clamping dial sight carrier ... (spare)	1(a)	...	...	1(a)	...	...
Screws, clamping foresight (spare)	1	...	...	1	...	...
Screws, fixing deflection drum ... (spare)	4	...	...	4	...	...
Springs, deflection nut ... (,,)	1	...	...	1	...	...
Sights, rocking bar, Q.F. 18-pr., Marks IIIr to IV field carriages—						
Bushes, parallel motion link (,,)	1(a)	...	...	1(a)	...	...
Screws, pivot, Part II, inner cross-leveiling plate and parallel motion link ... (spare)	2	...	...	2	...	...
Bracket, open sight—						
Caps, protecting foresight (,,)	1(a)	...	...	1(a)	...	...
Drums, deflection, left ... (,,)	1(a)	...	...	1(a)	...	...
Drums, deflection, right (,,)	1(a)	...	...	1(a)	...	...
Nuts, deflection, Part I ... (,,)	...	...	1	...	...	1
Nuts, deflection, Part II (,,)	...	...	1	...	...	1
Screws, clamping, hind sight (,,)	1	...	...	1	...	...
Screws, traversing deflection (,,)	1(a)	...	...	1(a)	...	...
Sights, hind ... (,,)	1(a)	...	...	1(a)	...	...
Sights, fore ... (,,)	1(a)	...	...	1(a)	...	...

† Note.—See pages 56 to 61 for particulars of Marks I*, I** and II Carriages.

(a) For each section.

Carriages, &c.—*continued*Table 14—*continued*.

	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.
Section No. 14—continued.						
Sights, rocking bar, Q.F. 18-pr., Mark V carriage—						
Bracket, open sight—						
Bushes, eccentric... (spare)	1(a)	...	...	1(a)	...	...
Drums, deflection, left ... (")	1(a)	...	...	1(a)	...	...
Drums, deflection, right (")	1(a)	...	...	1(a)	...	...
Nut, anti-backlash ... (")	1(a)	...	...	1(a)	...	...
Nut, deflection ... (")	1(a)	...	...	1(a)	...	...
Screws, traversing deflection (")	1(a)	...	...	1(a)	...	...
Caps, protecting foresight ... (")	1(a)	...	...	1(a)	...	...
Screws, fixing, hind sight ... (")	1	...	...	1	...	...
Sights, fore ... (")	1(a)	...	...	1(a)	...	...
Sights, hind ... (")	1(a)	...	...	1(a)	...	...
Spanners—						
No. 93 ...	...	1(b)	...	...	1(b)	...
" 244 ...	1	...	...	1	...	...
" 329 ...	...	...	1	...	...	1
" 330 ...	1	...	...	1	...	...
" 331 ...	1	...	...	1	...	...
" 332 ...	...	...	1	...	...	1
" 333 ...	1	...	...	1	...	...
" 334 ...	1	...	...	1	...	...
" 335 ...	1	...	...	1	...	...
" 377 ...	...	...	1	...	...	1
" 378 ...	...	...	1	...	...	1
" 381(c) ...	1(a)	...	...	1(a)	...	...
Spanners, Nos. 2, 3 and 5, horizontal air pumps—						
Large... ...	1(a)	...	...	1(a)	...	...
Small ...	1(a)	...	...	1(a)	...	...
Spindles, catch, limber hooks, No. 2 (spare)	...	1(a)	...	...	1(a)	...
Springs—						
Catch, limber and perch hooks (spare)	1	1(b)	...	1	1(b)	...
Disc, No. 62 ... (")	4	...	...	2	...	...

† Note.—See pages 56 to 61 for particulars of Marks I*, I** and II Carriages.

(a) For each section. (b) For each sub-section. (c) For Mark V carriages only.

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Carriages, &c.—continued.

Table 14—continued.	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.

‡CARRIAGES, FIELD, Q.F. 18-PR., MARKS III^t TO V—contd.

Section No. 14—continued.						
Straps, securing (d) (a)—						
1-inch × 72-inch	...	1	...	...	1	...
1 " × 54 "	...	2	...	...	2	...
1 " × 48 " R.L.	9	8	...	9	8	...
1 " × 44 "	...	2	...	...	2	...
1 " × 36 "	...	3	...	...	3	...
1 " × 36 " D.L.	...	1	...	...	1	...
1 " × 30 "	5	16	...	5	16	...
1 " × 26 "	1	3	...	1	3	...
1 " × 22 "	...	9	...	...	9	...
1 " × 13 "	...	1	...	...	1	...
1 " × 10 "	4	4	...	4	4	...
1 " × 10 " double with 2 loops	...	1	...	...	1	...
$\frac{1}{2}$ " × 36 "	1	...	...	1	...	...
$\frac{1}{2}$ " × 22 "	1	...	...	1	...	...
$\frac{1}{2}$ " × 18 "	...	2	...	...	2	...
Tommy, No. 44	1	...	...	1	...	...
Tool, removing and inserting floating piston, Q.F. 18-pr.	...	...	1	...	...	1
Tool, threading, $\frac{5}{16}$-inch anti-friction balls (b)	...	...	1	...	...	1
Tools, withdrawing neck rings, Q.F. 18-pr., Marks III^t-V carriages	2	...	...	2	...	...
Trays, box ammunition, Q.F., Mark III, 18-pr. carriage limber—						
“A”	...	...	3	...	...	3
“B”	...	...	1	...	...	1
Trays, box ammunition, Q.F., Mark II, 18-pr. carriage limber—						
Lower, “B”(c)	1	...	...	1	...	...
Upper (c)	1	...	...	1	...	...

‡ Note.—See pages 56 to 61 for particulars of Marks I*, I** and II Carriages.

(a) For equipments with Mark III limber, carriage.

(b) Only required for Marks III^t and IV carriages.

(c) Only required when Mark II limbers are in use with Marks III^t to V carriages.

(d) For detail of straps see Appendix I.

Carriages, &c.—*continued.*Table 14—*continued.*

	War.			Peace.		
	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each carriage and limber.	For each ammunition wagon and limber.	For each battery.

†CARRIAGES, FIELD, Q.F. 18-PR., MARKS III* TO V—*contd.*Section No. 14—*continued.*

Trays, box ammunition, Q.F. 18-pr.,

Mark II—

Wagon limber 1 ...

Wagon 1 ...

Wagons, ammunition, Q.F. 18-pr.,

Mark II 8 ... 4

Wagon, limbered, F.A.—

Fore 1 ...

Hind... .. 1 ...

CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO V.

Section No. 21—A.

Boxes, grease, 3-lb. 1 3 ... 1 3 ...

Cart—

Officers' mess 1 ... 1

Water tank 1 ...

Collars, adjusting, 2nd Class "C"

capped wheels(spare) 1(a) ... 1(a) ...

Covers, short rifle 36 ... 36

Kitchen, travelling 1 ...

Pins, lynch, 2nd class "C" capped

wheels(spare) 1(a) ... 1(a) ...

Swingletrees, Nos. 11 or 13 (")

Washers, drag, 2nd class "C" 1 1 ... 1 1 ...

Wagons, capped wheels(spare) 1(a) ... 1(a) ...

Wagon—

G.S.(b) 2

Section C—2.

Bicycles 1 ... 1

Section No. 28 B.

Batteries, dry Y (c) ... (d) ...

" " "(spare) (c) ... (c) ...

† Note.—See pages 56 to 61 for particulars of Marks I*, I** and II Carriages.

(a) For each section.

(b) One wagon to be demanded complete with spare parts, accessories and vehicle equipment, the other to be retained and utilised without spare parts, &c., for fatigue purposes. These wagons will not accompany batteries on change of station except when moving by march route, in which case the first-named wagon only will accompany the unit. These two vehicles do not apply to units stationed in the Colonies.

(c) 3 for each "Apparatus, illuminating aiming point set."

(d) 3 for each "Apparatus, illuminating aiming point set." Not available for war.

Camp Equipment.

TABLE 15.	War Equipment.				Peace.		Remarks.
	For each gun carriage and limber.	For each am-munition wagon and limber.	For each battery.		For each gun carriage and limber.	For each am-munition wagon and limber.	
<i>Section No. 2—A.</i>							
Axes, felling, curved helve ...	1	...	...		1	...	
Bags, picketing gear ...	...	...	4		...	...	
Boxes, stationery, field, large (a) ...	...	...	1		...	...	
Buckets, water, G.S., canvas ...	12	6	...		12	6	
Hooks—							
Bill ...	1	1	...		1	1	
Reaping, large ...	...	...	8		...	...	
Kettles, camp, oval, 12-qts. (d) ...	...	...	2		...	...	
Mallets, heel peg ...	...	...	8		...	...	2 for each bag picketing gear.
Nets, hay ...	...	...	...		...	...	1 for each horse (b).
Pads, surcingle ...	...	...	...		...	...	1 for each horse peace and war.
Pegs, picketing, with rope loop, Mark II	...	...	...		...	...	1 for each heel rope, 4-ft. 9-in. (b).
Ropes—							
Head, hemp, with ring, Mark IV †	...	...	...		...	...	1 for each horse (b).
Heel, Mark IV ...	...	...	...		...	...	1 for every 12 horses, peace and war.
Picketing, 4-ft. 9-in. ...	...	...	...		...	...	1 for every 12 horses, peace and war.

Picketing, 66-ft. ...	...	...	...	...	...	...	...	...	1 rope for every 15 horses, peace and war.
Rugs, horse ...	...	...	...	...	...	...	...	...	1 for each horse if specially ordered (b).
Sheets, ground, Mark VII ...	...	...	...	...	...	...	...	...	1 for each W.O., N.C.O. and man (b).
<i>Section No. 2—B.</i>									
14 Axes, pick—	...	...	...	...	...	...	...	...	...
Heads, 4½-lbs. ...	...	...	...	...	...	...	...	...	...
Helves, 36 inch, ferruled	...	...	...	...	...	...	...	...	...
Crowbars, 4-ft. 1-in.	...	...	...	...	...	...	...	...	...
Shovels, G.S. ...	...	...	...	...	...	...	...	...	...
Spades, Mark III	...	...	...	...	...	...	...	...	...
Wedges, sawyers'	...	...	...	...	...	...	...	...	...
<i>Section No. 11.</i>									
§ 24096 Lamps, hurricane ...	...	...	...	...	...	...	...	...	1 for each sub-section. (b).
<i>Section No. 12.</i>									
Stones, rub, scythe ...	...	...	...	...	...	...	...	...	...
<i>Section No. 13—A.</i>									
Blankets—	...	...	...	...	...	...	...	...	...
G.S. ...	...	...	...	...	...	...	...	...	...
G.S. ...	...	...	...	...	...	...	...	...	...

(a) See footnote (a), page 41.

(d) Batteries allowed "Kitchens, travelling," for war, will only have 2 camp kettles for detached duties.

(e) Not stored with mobilization equipment. † In peace forms part of the sets of Harness and Saddlery.

Camp Equipment—continued.

Table 15—continued.	War Equipment.			Peace.		Remarks.
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	
SPECIAL FOR HEAVY TRANSPORT HORSES.						
Section No. 2—A.						
Helves, manl, 34½-in.	...	...	...	...	...	1 for every 8 horses or less, and 25 per cent. spare (a).
Mauls, G.S., heads	...	...	...	...	...	1 for every 8 horses or less (a).
Posts, picket, 24-ft., with rope loop	...	...	...	...	...	1 for each horse, 1 for each heel rope, and 25 per cent. spare (a).
Ropes, heel, large	...	...	...	...	...	25 per cent. (a).

(a) War only.

IMPLEMENTS, BUTCHERS'.

(This scale of issue is also applicable to Brigade Headquarters.)

The undermentioned stores will not be regarded as vehicle equipment of the "Officers' Mess Cart" or "Kitchens, Travelling," but will be allowed for war only according to the strength of the unit as detailed below.

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TABLE 16. Articles.	For every—			
	200 to 300 men.	100 to 200 men.	50 to 100 men.	25 to 50 men.
<i>Section No. 12.</i>				
Balances, spring—				
100-lbs.	1	...	...	...
30-lbs. (a)	...	1	1	1
Bowls, hand	2	2	1	1
Cleavers, 2-feet 1-inch (b)	1	1	...	...
Forks, flesh	1	1	1	1
Implements, butchers'—				
Balances, spring, 4-lbs.	2	1	1	...
Choppers, meat	2	1	1	1
Hooks, dressing, 9-inch	12	6	6	...
Knives, cutting	3	2	1	1
Knives, flaying, large	2	1	1	1
Saws, tenon, 14-inch	2	1	1	1
Sheets, ground (U)	2	1	1	1
Steels	2	1	1	1
Steelyards, 56-lbs.	2	1	1	...
Knives, cooks'—				
12-inch	2	1	1	...
9 " (c)	3	2	1	1
6 " (c)	3	2	1	1
Knives, opening tins	6	4	3	2
Ladies, cooks', F.A.	2	1	1	1
Machines, mincing, tinned iron—				
Large	1	1	...	...
Small	...	...	1	1
Saws, butchers', bow, 20-inch	1	1	1	...
<i>Section No. 21—A.</i>				
Holdalls, implements, butchers	1	1	1	1

(a) 100-lbs. till the 30-lbs. are available.

(b) Implement, butchers', choppers, meat, till available.

(c) Implement, butchers', knives, cutting, till available.

Ordnance and General Stores

TABLE 17.

	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section A—1.</i>						
Caps, knee	...	...	...	...	...	36
Cases, pistol, signal	...	...	1	...	...	1
Frogs, cutter wire, folding	...	...	20	...	...	20
Straps, with buckle... ..	...	...	20	...	...	20
„ with stud	...	...	20	...	...	20
<i>Section No. 7.</i>						
Anvils, 40 lbs.	...	...	1	...	...	...
Anvils, 5-lb. 10-oz. (a)	...	...	...	...	...	1 (e)
Brushes, sable, writing, duck, large	...	...	...	...	...	2 (e)
(a)	...	...	...	...	...	...
Cases, saw, hand	...	2	...	...	2	...
Chests, tool, filled, smiths' (b)	...	...	...	...	...	1 (e)
Chisels, ripping (c)	...	...	1	...	...	1 (e)
Cutters, wire, folding	...	...	20	...	...	20
Files—						
Second cut, half-round, 6-inch	1	...	...	1	...	...
Smooth—						
Flat, 6-inch	1	...	...	1	...	...
Hand, safe edge, 8-inch	1	...	...	1	...	...
Forges, field, light	...	...	1	...	...	...
Hammers—						
Claw, 24-ozs.	1	...	...	1	...	...
Riveting—						
24-oz. (c)	...	...	1	...	...	1 (e)
8-oz. (a)	...	...	...	...	...	1 (e)
Smiths', sledge, 10-lb.	...	...	1	...	...	1 (e)
Handles, file, small	1	...	...	1	...	...
Irons, branding, $\frac{3}{8}$-inch—						
Figures, 0 to 8 sets	...	...	...	...	...	1
Letters, 1 letter (f)	...	...	...	...	...	1
Lamps, brazing, 1-pint	...	...	...	...	...	1
Nail pullers (c)	...	...	...	...	...	1 (e)
Pliers, side-cutting, 8-inch ... pairs	...	...	1	...	...	1
Punches, pin, $\frac{3}{16}$-inch	...	...	1	...	...	1

(a) For marking purposes.

(b) On mobilization the chest and tools will be returned to store.

(c) Tools, opening packages.

(e) Carried as convenient.

(f) As required, for regimental initials.

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Ordnance and General Stores—*continued*Table 17—*continued*.

	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 7—continued.</i>						
Pliers, flat nose ... pairs	1	...	...	1	...	...
Saws, hand, 26-inch ...	...	2	...	...	2	...
Screwdrivers, G.S.—						
14-inch (c) ...	...	...	1	...	...	1
9 " ...	...	...	1	...	...	(e)
4 " ...	1	1	...	1	1	...
Stamps—						
Copper inlaid, $\frac{1}{8}$ -inch (g)—						
Figures, 0 to 8 ... sets	...	...	...	...	...	1
Letters, 1 letter (f) ... "	...	...	...	...	...	1
Steel for metal, $\frac{1}{8}$ -inch—						
Figures, 0 to 8 ... sets	...	...	...	...	...	1
Letters, alphabet ... "	...	...	...	...	...	1
Steel, for metal, $\frac{3}{16}$ -inch (h)—						
Figures, 0 to 8 ... sets	...	...	...	...	...	1
Letters, 1 letter (f) ... "	...	...	...	...	...	1
$\frac{1}{4}$ -inch figures 0 to 8 ... "	...	...	...	...	...	1
$\frac{1}{4}$ " letters (f) ... "	...	...	...	...	...	1
Spanners—						
Adjustable, 15-inch... ..	1 (d)	...	...	1 (d)	...	...
" 11-inch	1	...	...	1	...	...
Tools (j)—						
Fitters or wheelers—						
No. 1 ... sets	...	...	2 (a)	...	...	1
" 3 ... "	...	...	1(b)	...	...	1
Forge... ..	...	...	1(b)	...	...	1

(a) Carried in valises, one for each 2nd-line ammunition wagon in B, D and F sub-sections. B and D sub-sections for 4-gun battery.

(b) Carried in box, mobilization stores, No. 1, in limbered wagon.

(c) Tools, opening packages.

(d) For each section.

(e) Carried as convenient.

(f) As required, for regimental initials.

(g) Will be replaced by stamps marking textiles when worn out.

(h) Will be replaced by $\frac{1}{4}$ -inch when worn out.

(j) For details of sets of tools, see pages 24 to 33.

Ordinance and General Stores—continued

Table 17—continued.

	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 7—continued.</i>						
Tools (a)—continued.						
Saddlers—						
No. 1 sets	...	...	2(c)	...	...	1
" 2 "	...	...	1 (d)	...	...	1
Shoeing "	...	...	3 (f)	...	...	3
Tinman's "	...	...	...	...	...	1 (e)
Tools, screw-cutting, bolt and nut,						
R.A., field—						
Chests, filled	...	...	...	...	...	1
Typeholders	...	...	...	...	...	2
Blocks	...	...	...	...	...	2
Type letter, $\frac{1}{2}$ -inch (regimental initials) sets	...	...	...	...	...	2
Valises, tool	...	...	7	...	...	5
Vices, bench, saddletreemakers' ...	...	...	...	...	...	1 (e)
<i>Section No. H—2.</i>						
Cordage, hemp, hawser, 3-strand, tarred—						
$1\frac{1}{2}$ -inch fathom	...	...	(b)	...	...	...
$\frac{3}{4}$ -inch "	...	...	56	...	...	12 $\frac{1}{2}$ (e)
Lines, Hambro'	1	1	...	1	1	...
Line, white, 1-lb. skeins ...skeins	...	1	...	...	1	...
<i>Section No. 8—C.</i>						
Megaphones, 10-inch	...	...	2	...	...	2
Screens, indicating—						
Artillery fire	...	...	...	...	...	2(g)
Discs	...	...	...	...	...	2(g)

(a) For details of sets of tools, see pages 24 to 33.

(b) 34 $\frac{1}{2}$ fathoms per carriage fitted with recuperator, War only, for protection of buffers.

(c) Carried in valises, one for each 1st-line ammunition wagon in A, C and E sub-sections. A and C sub-sections for 4-gun battery.

(d) Carried in 1 box mobilization stores, No. 6, in limbered wagon.

(e) Carried as convenient.

(f) Carried in valises, one for each 1st-line ammunition wagon in A, C, D and F sub-sections, and one in limbered wagon. A, B and D sub-sections for 4-gun battery.

(g) Home stations only.

Ordnance and General Stores—continued

Table 17—continued.

	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 8—D.</i>						
Compasses—						
Beam, 26-inch, Mark II	...	...	1	...	...	1
Magnetic, plane table, Mark II	...	...	2	...	...	2
Protractor, air photograph	...	...	1	...	...	1
Protractors, semi-circular, celluloid,						
8-inch special, Mark III	...	...	2	...	...	2
Rules, sight, 16-inch†	...	...	1	...	...	1
Scales, mathematical, boxwood,						
No. 11	...	...	1	...	...	1
Straightedges, 36-inch	...	...	1	...	...	1
Tables, plane, portable, Mark II	...	...	1	...	...	1
Tapes, measuring, metallic, woven,						
100-feet	...	...	1	...	...	1
Watches, stop, $\frac{1}{2}$ -second	...	...	1	...	...	1
Watches, N.I.V.	...	...	...	...	...	...
Celluloid, sheets, 18-inch × 18-inch,						
.006-inch thick (transparent)						
sheets	...	...	2	...	...	2
<i>Section No. 9—A.</i>						
Grease, lubricating, for cool						
climates (a) lbs.	3	6	...	3	6	...
Oil, dag pints	2	...	...	4§	...	...
Mineral jelly, red (b)	...	...	6	...	...	...
Oil—						
Rangoon pints	2	1½	...	...	...	...
Mineral (for buffers)	2	2	...	2 (c)	2 (c)	...
<i>Section No. 9—B.</i>						
Boxes, dubbing or mineral jelly,						
2-lbs.	...	...	6	...	...	...
Cylinders, paint, No. 3 (d)	...	...	2	...	...	...

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† When stock is exhausted, will be replaced by "Rules, sight, 18-inch" (Section No. 29—B).

§ Annually.

(a) See footnote (a), page 15.

(b) For protection of bore and breech fittings.

(c) To replace unserviceable, and to make good any leakages. The proportions will be replaced when certified necessary.

(d) For mineral jelly, red.

Ordnance and General Stores—continued

Table 17—continued.	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 6.</i>						
Cogs, screw, frost, chisel head (g)—						
$\frac{1}{4}$ -inch lbs.	...	...	8	...	...	...
$\frac{3}{8}$ -inch "	...	...	38	...	...	...
Shoes, horse (h) (e) (d)	...	...	3	...	...	3
Taps, frost, cogs (g)—						
$\frac{1}{4}$ -inch	...	...	4	...	...	...
$\frac{3}{8}$ -inch	...	...	35	...	...	...
Valises, horse shoe, Mark II	...	1	...	...	1	...
Wrenches, frost, cogs (e)	...	...	37	...	...	...
<i>Section G—1.</i>						
Padlocks, iron, 2-inch	...	...	...	...	...	...
Pins, keep, split—						
$\frac{5}{32}$ -inch $\times$ 2-inch (a) ... (spare)	3	...	...	3	...	...
" $\times$ $1\frac{1}{2}$ -inch (b) ... (")	2	...	...	2	...	...
$\frac{1}{2}$ -inch $\times$ $1\frac{1}{2}$ -inch ... (")	9	...	...	9	...	...
<i>Section No. 11.</i>						
Brushes, water, carriage	1	1	...	1	1	...
<i>Section No. 12.</i>						
Handcuffs, common ... pairs	...	...	2	...	...	2
Machines, chaff-cutting	...	...	1	...	...	...
<i>Section H—2.</i>						
Tow, jute (d) lbs.	...	...	4	...	...	...
<i>Section No. 13—C.</i>						
Cloths, sponge	...	...	(c)	...	...	...

(a) For Q.F. 18-pr. I to II* guns.

(b) For Q.F. 18-pr. Mark IV gun.

(c) 3 sets of shoes with nails are carried in each valise, one on each ammunition wagon. The remainder of the establishment of horses will be carried in other vehicles. The number and sizes of shoes will be detailed in War Equipment tables.

(d) Allowance for horses joining on mobilization, see Part I, Equipment Regulations.

(e) 10 for each gun, in ammunition boxes, as convenient.

(g) Not stored. Will be issued from Central Ordnance Depots on mobilization if specially ordered.

(h) For regulations as to horse shoes, see Part I, Equipment Regulations.

Ordnance and General Stores—continued

Table 17—continued.	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 14.</i>						
Boxes, mobilization stores—						
No. 1 (a)	...	...	2	...	...	2
" 6 (b)	...	...	1	...	...	1
Cans, lubricating, No. 9	1	...	...	1	...	...
Carriers, ammunition, Q.F., 13 and 18-pr. (c)	...	...	12	...	...	12
Holdalls, cleaning materials	...	...	...	...	...	4
<i>Section No. 15—B.</i>						
Apparatus, illuminating sights—						
No. 2 (d) (h)	1	...	...	1	...	...
" 5 (g)	1	...	...	1	...	...
Binoculars, prismatic—						
No. 2 (e)	...	...	5	...	...	5
" 3 (e)	...	...	5	...	...	5
Board, artillery, Mark II	...	...	1	...	...	1
Brackets, lampholder (f)—						
Range dial—						
No. 1 (g)	1	...	...	1	...	...
" 2 (h)	1	...	...	1	...	...
Sight, clinometer, No. 1 (h)	1	...	...	1	...	...
Wandering lead, No. 1 (g)	1	...	...	1	...	...
Bucket, aiming posts	...	...	1	...	...	1
Bubbles, spirit, glass, P (g)	1	...	...	1	...	...

(a) Wheelers' and forge tools.

(b) Saddlers' tools.

(c) Carried under the blankets on the ammunition boxes of carriage and wagon limbers.

(d) Will be replaced by No. 5 apparatus illuminating sight when available.

(e) This allows binoculars for B.C. assistant 1 pr., signallers 2 prs., anti-aircraft man 1 pr., Nos. 1, 1 each, 4 prs., B.S.M. and B.Q.M.S. 2 prs. Two additional allowed for Great War.

(f) For use with No. 5 apparatus, sight illuminating.

(g) For Q.F. 18-pr. Marks IIIr to V carriages.

(h) For Q.F. 18-pr. Marks I* to II carriages.

Ordnance and General Stores—continued

Table 17—continued.

	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
Section No. 15—B—continued.						
Cable, No. 5 sight illuminating apparatus (c)—						
No. 1 (a)	1	...	...	1	...	...
" 2 (d)	1	...	...	1	...	...
" 3 (b)	1	...	...	1	...	...
" 4 (e)	1	...	...	1	...	...
" 5 (e)	1	...	...	1	...	...
" 11 (i)	2	...	...	2	...	...
Cases, No. 7 dial sight and No. 2 carrier (e)	1	...	1(f)	1	...	1(f)
Cases—						
No. 6 director	...	...	2	...	...	2
No. 7 dial sight and Nos. 10 and 11 carriers (d)	1	...	1(f)	1	...	1(f)
Stand—						
Artillery range-finder	...	...	1	...	...	1
No. 6 director	...	...	2	...	...	2
Telescope, F.A.	...	...	1	...	...	1
Clinometers—						
Field, Mark VI	1(g)	...	...	1(g)	...	...
Sight	1	...	1	1	...	1
Clips, lead, No. 1 (a) (c)	1	...	...	1	...	...
" " No. 2 (i) (c)	1	...	...	1	...	...
Cover, board artillery (h)	...	...	1	...	...	1
Directors—						
No. 6... ..	...	...	2	...	...	2
Instrument, Angle of sight (p)	...	...	1	...	...	1
Laths, adjusting artillery range-finder	...	...	1	...	...	1
Periscopes, No. 14A, 14B or 14C	...	...	1	...	...	...

(a) For Q.F. 18-pr. Marks I to IV carriages.

(b) For Q.F. 18-pr. Marks IIIr and IV carriages.

(c) For use with No. 5 sight illuminating apparatus.

(d) For Q.F. 18-pr. Marks IIIr to V carriages.

(e) For Q.F. 18-pr. Marks I* to II carriages.

(f) 1 spare will be handed over to "A" Echelon of the D.A.C. and F.A. Column on mobilization and carried in wagon for technical stores.

(g) 1 per gun for Q.F. 18-pr. Marks I* to II and 1 per section for Q.F. 18-pr. Marks IIIr to V.

(h) "Cover, board artillery, rectangular shape" will be utilized, vide A.C.I. 44/1925.

(i) For Q.F. 18-pr. Mark V carriages.

(p) For Q.F. 18-pr. batteries of expeditionary forces only.

Ordinance and General Stores—continued

Table 17—continued.

	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 15—B—continued.</i>						
Plotters, field, Mark IV, in case ...	...	...	1	...	...	1
Posts, aiming—						
Circular head (c) ...	(b)	...	4	(b)	...	4
Square head (c) ...	(b)	...	4	(b)	...	4
With flag ...	...	...	4	...	...	4
Posts, aiming, crosshead—						
Circular head ...	(b)	...	4	(b)	...	4
Square head ...	(b)	...	4	(b)	...	4
Protectors, ear drum ... pair	...	...	24	...	...	24
Protractors, arc ...	...	...	2	...	...	2
Range-finders, artillery, No. 2 ...	...	...	1	...	...	1
Sights, dial, No. 7 ...	1	...	1(a)	1	...	1(a)
Springs, clinometer sight ...	...	...	4	...	...	4
Stands—						
Artillery range-finder ...	...	...	1	...	...	1
No. 6 director ...	...	...	2	...	...	2
Telescopes, F.A. ...	...	...	1	...	...	1
,, sighting, No. 22 (d) ...	1	...	...	1	...	...
Wrenches, adjusting, No. 7 dial sight and carriers ...	...	...	2	...	...	2
<i>Section No. 16—A.</i>						
Mallets, spade, Q.F. 3·7-inch and 18-pdr. equipments (d) ...	2	...	...	2	...	...
<i>Section No. 16—C.</i>						
Gauge, pressure, No. 5 ...	...	...	2	...	...	2

(a) 1 spare will be handed over to "A" Echelon of the D.A.C. and F.A. Column on mobilization and carried in wagon for technical stores.

(b) Carried on gun carriages in pairs of the same shape, the left guns of sections having circular and the right guns square-headed posts.

(c) Will be returned to R.A.O.C. on receipt of crosshead aiming posts.

(d) For Q.F. 18-pr. Mark V carriages.

Ordnance and General Stores—continued

Table 17—continued.	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 17—A.</i>						
Cases, memorandum of examination	1	...	...	1	...	...
Gauges, striker protrusion, No. 1 (d)	1	...	...	1	...	...
Lanyard, firing, No. 7 (b)	...	...	...	...	...	4
<i>Section No. 17—B.</i>						
ORDNANCE, Q.F. 18-Pr., MARKS I, I*, II AND II*.						
Drifts, No. 12	1	...	...	1	...	...
Lanyards, firing, No. 15	1	...	...	1	...	...
Ordinance, Q.F. 18-pr., Marks I, I*, II or II*	...	...	4	...	...	4
Ordinance, Q.F. 13-pr., Marks I to III, and 18-pr., Marks I to II*—						
Bush, firing hole, Mark II (spare)	...	...	1	...	...	1
Catch, retaining breech screw („)	1 (a)	...	...	1 (a)	...	...
Pins, axis catch, B.M. lever („)	1 (a)	...	...	1 (a)	...	...
Strikers („)	1	...	...	1	...	...
Triggers („)	...	...	1	...	...	1
Ordinance, Q.F. 13-pr., Marks I to III and 18-pr., Marks I to II* and IV—						
Pins, firing (spare)	2	...	...	2	...	...
Springs—						
Main („)	1 (a)	...	...	1 (a)	...	...
Safety catch („)	1 (a)	...	...	1 (a)	...	...
Trigger („)	...	...	6	...	...	(c)6
Tripping piece („)	1	...	...	1	...	...

(a) 1 for each section.

(b) For firing puffs.

(c) Each battery stationed at Lark Hill, performing duties at the School of Artillery, will be allowed an additional 4.

(d) No. 1 gauge will continue to be used until unserviceable and the existing stock exhausted, when No. 15 gauge will be issued.

Ordnance and General Stores—continued.

Table 17—continued.

	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 17—B.—continued.</i>						
ORDNANCE, Q.F. 18-PR., MARK IV.						
Ordnance, Q.F. 18-pr., Mark IV ...	...	...	4	...	...	4
Bush, firing hole ... (spare)	...	...	1	...	...	1
Lever, catch retaining, M.B. lever (spare)	1(a)	...	...	1(a)	...	...
Reservoir, oil—						
Plugs, filling ... („)	1	...	...	1	...	...
Springs, relief valve ... („)	1	...	...	1	...	...
Valves, relief ... („)	1(a)	...	...	1(a)	...	...
Window, inspection ... („)	1(a)	...	...	1(a)	...	...
Washers, packing—						
Filling plug ... („)	2	...	...	2	...	...
Inspection window ... („)	3	...	...	3	...	...
Relief, valve bush, also pipe connections and oil reservoir nipple... (spare)	6	...	...	6	...	...
Union, oil reservoir, connecting pipe ... (spare)	2	...	...	2	...	...
Springs, catch retaining, B.M. lever (spare)	2	...	...	2	...	...
Strikers ... („)	1	...	...	1	...	...
Triggers ... („)	...	...	1	...	...	1
Ordnance, Q.F. 13-pr., Marks I-III and 18-pr., Marks I-II and IV—						
Pins, firing ... (spare)	2	...	...	2	...	...
Springs—						
Main ... („)	2	...	...	2	...	...
Safety catch ... („)	2	...	...	2	...	...
Trigger (b) ... („)	4	...	...	4	...	...
Tripping piece ... („)	1	...	...	1	...	...
<i>Section No. 19.</i>						
Brushes, breech screw ...	1	...	...	1	...	...
Boxes, lamp, siege, to hold 2 ...	...	...	4 (d)	...	...	4 (d)
Caps, sponge, No. 6 ...	2 (c)	...	...	2 (c)	...	...

(a) 1 for each section.

(c) For Marks IIIr to V carriages only.

(b) Each battery stationed at Lark Hill, performing duties at the School of Artillery, will be allowed an additional 4.

(d) 2 lamps per sub-section. The lamps will be normally carried with the brigade ammunition column, and on the footboard of ammunition wagons when night firing is probable. Candles will be supplied by R.A.S.C.

Ordnance and General Stores—*continued*

Table 17— <i>continued</i> .	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 19—continued.</i>						
Cleaners—						
Piasaba, No. 18	1	...	...	1	...	...
Wool, No. 1	1	...	...	1	...	...
Covers—						
Canvas, frontcap, recuperator case, Q.F. 18-pr., Marks I*-II field carriages	1	...	...	1	...	...
Breech, Q.F. 18-pdr., No. 2	1	...	...	1	...	...
" " No. 3 (c)	1	...	...	1	...	...
Muzzle, No. 1	1	...	...	1	...	...
" " 23 (c)	1	...	...	1	...	...
Adapter, pump pipe, Q.F. 18-pr., Marks IIIr to V carriages	1(a)	...	...	1(a)	...	...
Rocking-bar, sight, Q.F. 18-pr., Marks III r to V carriages	1	...	...	1	...	...
Lamps, siege	...	...	8 (d)	...	...	8
Lashings, tarred—						
1-inch x 20-feet	...	1 (e)	...	...	1 (e)	...
1 " x 10 "	...	2	...	...	2	...
Ropes, drag—						
Light, G.S. pairs	1	1	...	1	1	...
Heavy, 30-feet	1	...	...	1	...	...
Sponges, field guns (b)	...	...	...	...	...	1
Tackles, luff, 14-fathoms	...	...	1	...	...	1
<i>Section No. 20.</i>						
Handspikes, common, 6-feet	...	1	...	...	1	...
Jacks, lifting, G.S.(b)	...	...	1	...	...	4
<i>Section No. 21—A.</i>						
Covers, short rifle	...	...	36	...	...	36

(a) 1 for each section.

(b) Carried as convenient.

(c) For Marks IIIr to V carriages only.

(d) 2 lamps per sub-section. The lamps will be normally carried with the brigade ammunition column, and on the footboard of ammunition wagons when night firing is probable. Candles will be supplied by R.A.S.C.

(e) For each ammunition wagon carrying a spare No. 18 pole.

Ordnance and General Stores—continued

Table 17—continued.	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 23.</i>						
Box, No. 1, percussion, primers ...	...	1	...	...	1	...
Cartridges, Q.F. 18-pr. (b) (c)—						
Shrapnel, fuze (e) ...	24	40	...	24	40	...
H.E. fuze (d) ...	...	36	...	...	36	...
Clips, cartridge, No. 4 ...	24	76	...	24	76	...
Implements, ammunition—						
Holders, cartridge, Q.F. 18-pr. ...	...	...	2	...	...	2
Keys, No. 27, primer, 13-pr. and 18-pr. (f) ...	...	...	2	...	...	2
Primers, percussion, Q.F. cartridges, No. 1, Mark II (spare)	...	4	...	...	4	...
<i>Section No. 26.</i>						
Implements, ammunition—						
Keys—						
No. 17, for fixing Nos. 80 type fuzes ...	1	1	...	1	1	...
No. 18, for setting Nos. 80 type fuzes ...	4	4	...	4	4	...
No. 23, plugs and D.A. fuzes ...	2	...	...	2	...	...
" 53, fixing No. 100 type fuzes	2	...	...	2	...	...
" 59, G.S. special and 2-inch plugs ...	1 (a)	...	...	1 (a)	...	...

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(a) 1 for each section.

(b) The number of rounds that can be carried in the vehicles is as follows:—

Limber, carriage, Mark II ...	24	Limber, carriage, Mark III ...	20
Wagon, ammunition, Mark II ...	38	Wagon, ammunition, Mark III ...	40
Limber, wagon, Mark II ...	38	Limber, wagon, Mark III ...	40

(c) For war the above distribution may be varied at the discretion of the C.R.A. of the Division. The number of rounds are liable to vary according to mark of vehicles.

(d) H.E. shell not to be carried in vehicles fuze except at practice camps. See para. 7, sub-para. (v).

(e) Complete with fuze and cover.

(f) Inserting or removing.

Ordnance and General Stores—continued

Table 17—continued.				War.			Peace.		
				For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 27—A.</i>									
Cartridges, small arm, ball—									
·303-inch, cordite charger packed(c)				...	...	...	...	...	...
·303-inch bundle packed for Lewis				...	...	...	...	...	...
M.G. ...				...	...	†	...	...	†
Revolver, .455-inch ...				...	...	(d)	...	...	(b)
<i>Section No. 28—B.</i>									
Cells, inert—									
P. Mark I (or Q) ...				(h)	...	...	(g)	...	...
P. Mark I (or Q.) ... (spare)				(h)	...	...	(h)	...	...
Q. ...				(j)	...	...	(i)	...	...
Q. ... (spare)				(j)	...	...	(j)	...	...
DRILL AND INSTRUCTIONAL STORES.									
<i>Section No. 17—B.</i>									
Ordnance, Q.F. 13 Marks I to III and 18-pr. Marks I to II*—									
Pins, firing, dummy (e) ...				...	...	...	...	...	4 } 4 } <i>a</i>
Screws, breech, dummy (e) ...				...	...	...	...	...	
<i>Section No. 23.</i>									
Cartridges, dummy, Q.F. 18-pr.									
plugged (e) ...				...	...	...	...	...	4
Cartridge, Q.F. 18-pr., drill (e) ...				...	...	...	...	...	24
Clips, cartridge, No. 4 (e) ...				...	...	...	...	...	24
Primers, percussion, drill, Q.F. ...				...	...	...	...	...	...
cartridges, No. 1 (e) ...				...	...	...	...	...	4

(a) So far as stock allows.

(b) 18 rounds for each pistol.

(c) 50 rounds per bandolier, peace and war.

(d) 18 rounds for each pistol for War.

(e) Carried as convenient.

(g) 3 for each Apparatus, illuminating sights No. 2. Not available for war.

(h) 2 for each Apparatus, illuminating sights No. 2.

(i) 3 for each Apparatus, illuminating sights, No. 5. Not available for war.

(j) 3 for each Apparatus, illuminating sights, No. 5.

† 1,128 rounds for each gun.

Ordnance and General Stores—continued

Table 17—continued.	War.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Stores for making up blank ammunition.</i>						
Boxes , cartridge case, Q.F. 18-pr. ...	...	...	...	...	...	(a)
Cartridges , Q.F. ...	...	...	...	...	...	
Blank—						
13 and 18-pr. cups and 3 inch 20-cwt. (a) ...	...	...	...	...	...	(b)
18-pr.—						
Charges, 1-lb., blank, L.G., or 8-oz. 12-drs. cordite, M.D.T. or R.D.B.T. size 15-13 (a) ...	...	...	...	...	...	(b)
Wad, No. 1 (a) ...	...	...	...	...	...	(b)
Rings, split (a) ...	...	...	...	...	...	(b)
18-pr. cases, empty (a) ...	...	...	...	...	...	80
Clips , cartridge, No. 4 (a) ...	...	...	...	...	...	80
Primers , percussion, Q.F. cartridges, No. 1, Mark II (a) ...	...	...	...	...	...	(b)
Tools , cartridge, Q.F., blank—						
Drifts, 18-pr., powder cartridge (a) ...	...	...	...	...	...	2
<i>Section No. 26.</i>						
Boxes , section of fuzes, No. 5 (a) (c) ...	...	...	...	...	...	1
Fuzes —						
Drill—						
T. and P., No. 80 (a) ...	...	...	...	...	...	24
Percussion D.A., No. 101 (a) ...	...	...	...	...	...	4
" " " 106 (a) ...	...	...	...	...	...	4
Section T. and P., No. 80—(c)						
Before firing (a) ...	...	...	...	...	...	1
After firing (a) ...	...	...	...	...	...	1

(a) Carried as convenient.

(b) One for each round fired.

(c) Will become obsolete when existing stocks are exhausted. Wall diagrams being issued in lieu,

Materials, Repairing Carriages, &c.

TABLE 18.

TABLE 18.	War.	Peace.	Remarks.
		Twelve months' supply. (a)	
Section G—2.			
Wire, phosphor bronze, No. 11			
S.W.G. lb.	...	2	
Section G—1.			
Bolts—			
With nuts, bosshead, square—			
$\frac{1}{2}$ -in. $\times$ $3\frac{7}{8}$ -in.	...	2	For naves of No 45 wheels.
$\frac{1}{2}$ -in. $\times$ $7\frac{1}{8}$ -in.	...	4	
$\frac{3}{8}$ -in. $\times$ 6-in.	...	4	
Without nuts, hexagon head, $\frac{3}{8}$ -in. $\times$ $1\frac{1}{4}$ -in.	4	2	
Chain, brass, solid link—			
No. 1 yds.	...	1	
„ 3 „	...	1	
Nails—			
Steel, clout, fine, No. 91 1-inch. lbs.	...	1	
Wire, iron, grooved—			
2-inch „	...	1	
$1\frac{1}{2}$ -inch „	...	1	
Pins, keep, split (c) (b)—			
$\frac{1}{4}$ -in. $\times$ 5-in.	4	4	
$\frac{3}{16}$ -in. $\times$ 1-in.	4	4	
$\frac{1}{8}$ -in. $\times$ $2\frac{1}{2}$ -in.	2	2	
$\frac{3}{8}$ -in. $\times$ 1-in.	6	6	
$\frac{3}{32}$ -in. $\times$ $1\frac{1}{2}$ -in.	4	4	
$\frac{1}{16}$ -in. $\times$ $1\frac{1}{2}$ -in.	4	4	
Pins, keep, split (d) (b)—			
$\frac{5}{16}$ -in. $\times$ 5-in.	4	4	
$\frac{1}{2}$ -in. $\times$ $4\frac{1}{2}$ -in.	4	4	
$\frac{1}{2}$ -in. $\times$ 3-in.	8	8	
$\frac{1}{2}$ -in. $\times$ 2-in.	4	4	
$\frac{7}{32}$ -in. $\times$ 2-in.	4	4	
$\frac{3}{16}$ -in. $\times$ 3-in.	4	4	
$\frac{3}{16}$ -in. $\times$ $2\frac{1}{2}$ -in.	4	4	
$\frac{3}{16}$ -in. $\times$ 2-in.	20	20	
$\frac{3}{16}$ -in. $\times$ $1\frac{1}{2}$ -in.	12	12	
$\frac{5}{32}$ -in. $\times$ $1\frac{1}{2}$ -in.	4	4	
$\frac{1}{8}$ -in. $\times$ $2\frac{1}{2}$ -in.	4	4	
$\frac{1}{8}$ -in. $\times$ 2-in.	24	24	
$\frac{1}{8}$ -in. $\times$ $1\frac{1}{2}$ -in.	80	80	
$\frac{1}{8}$ -in. $\times$ 1-in.	16	16	
$\frac{3}{32}$ -in. $\times$ $1\frac{1}{2}$ -in.	12	12	
$\frac{3}{32}$ -in. $\times$ $1\frac{1}{2}$ -in.	32	32	

(a) Carried as convenient. (b) To be shortened locally as required.

(c) For Q.F. 18-pr. Marks I* to II carriages.

(d) For Q.F. 18-pr. Marks IIIr and IV carriages.

Materials, Repairing Carriages, &c.—continued.

Table 18—continued.

Table 18—continued.	War.	Peace.	Remarks.
		Twelve months' supply. (a)	
Section G—1—continued.			
Pins, keep, split (d) (b)—continued.			
$\frac{3}{32}$ -in. $\times$ $\frac{1}{2}$ -in.	12	12	
$\frac{1}{16}$ -in. $\times$ $1\frac{1}{4}$ -in.	12	12	
$\frac{1}{16}$ -in. $\times$ $\frac{3}{4}$ -in.	12	12	
Pins, keep, split (e) (b)—			
$\frac{5}{16}$ -in. $\times$ 5-in.	4	4	
$\frac{1}{2}$ -in. $\times$ $4\frac{1}{2}$ -in.	8	8	
$\frac{1}{2}$ -in. $\times$ 3-in.	8	8	
$\frac{1}{2}$ -in. $\times$ 2-in.	8	8	
$\frac{7}{32}$ -in. $\times$ 2-in.	4	4	
$\frac{3}{16}$ -in. $\times$ 3-in.	4	4	
$\frac{3}{16}$ -in. $\times$ $2\frac{1}{2}$ -in.	8	8	
$\frac{3}{16}$ -in. $\times$ 2-in.	32	32	
$\frac{3}{16}$ -in. $\times$ $1\frac{1}{2}$ -in.	12	12	
$\frac{5}{32}$ -in. $\times$ $1\frac{1}{4}$ -in.	4	4	
$\frac{1}{2}$ -in. $\times$ $2\frac{1}{2}$ -in.	4	4	
$\frac{1}{2}$ -in. $\times$ 2-in.	40	40	
$\frac{1}{2}$ -in. $\times$ $1\frac{1}{2}$ -in.	48	48	
$\frac{1}{2}$ -in. $\times$ 1-in.	16	16	
$\frac{3}{32}$ -in. $\times$ $1\frac{1}{4}$ -in.	20	20	
$\frac{3}{32}$ -in. $\times$ $1\frac{1}{2}$ -in.	20	20	
$\frac{3}{32}$ -in. $\times$ $\frac{3}{4}$ -in.	16	16	
$\frac{1}{16}$ -in. $\times$ $1\frac{1}{4}$ -in.	32	32	
$\frac{1}{16}$ -in. $\times$ $\frac{3}{4}$ -in.	24	24	
Screws—			
Brass, flat head, $\frac{1}{2}$ -inch gauge, No. 8	8	4	
Iron, flat head—			
$2\frac{1}{4}$ -inch gauge, No. 20	16	8	
2-inch gauge, No. 20	16	8	
$1\frac{1}{2}$ -inch gauge, No. 14	16	8	
1-inch gauge, No. 12	16	8	
$\frac{3}{4}$ -inch gauge, No. 12	16	8	
Staples, lashing, with plate, single,			
$\frac{1}{2}$ -in. $\times$ 4-in.	...	4	
Tacks—			
Copper, No. 473 lbs.	...	1 f	
Steel, cut, No. 197 lbs.	...	$\frac{1}{2}$ f	
Section No. 14.			
Bolts—			
Flange, axletree, limbers and wagons, Q.F. 13-pr., 18-pr. and 4.5-inch howitzer	8	8	

(a) Carried as convenient.

(b) To be shortened locally as required.

(d) For Q.F. 18-pr. Marks IIIr and IV carriages.

(e) For Q.F. 18-pr. Mark V carriages.

(f) To be provided locally.

Materials, Repairing Carriages, &c.—*continued.*Table 18—*continued.*

Table 18—continued.	War.	Peace.	Remarks.
		Twelve months' supply. (a)	
Section No. 14—continued.			
Bolts—continued.			
Nave, bosshead, square bevelled, $\frac{1}{2}$ -in. $\times$ $3\frac{1}{2}$ -in.	...	2	With nut, for No. 45 wheel.
Tyre, No. 45 wheel	...	2	With nut and washer.
With nuts, cheesehead, securing shield, Q.F. 13 and 18-pr., Marks I-II, field carriages	8	8	
Locks , box, limbers and wagons—			
No. 6	1	1	Carriage limber and ammunition wagon.
No. 7	1	1	Wagon limber.
Screws , lubricating hole, cheesehead, $\frac{1}{2}$ -in. $\times$ $\frac{5}{8}$ -in. (with leather washer)	8	4	For pipe box of No. 45 wheel.
Steel , pieces—			
Bolt, 2-ft. 8-in. $\times$:—			
1-in.	...	1	
$\frac{3}{8}$ -in.	...	1	
$\frac{1}{4}$ -in.	...	1	
Flat, 2-ft. 8-in. $\times$:—			
3-in. $\times$ $\frac{1}{4}$ -in.	...	1	
2-in. $\times$ $\frac{1}{2}$ -in.	...	1	
Plate, 1-ft. 2-in. $\times$ $\frac{1}{4}$ -in. $\times$:—			
$8\frac{1}{2}$ -in.	...	1	
6-in.	...	1	
Tire, 12-in. $\times$ 3-in. $\times$ $\frac{3}{8}$ -in., curved	...	1	
Straps , securing—			
1-in. $\times$:—			
13-in.	...	2	
18-in.	...	2	
22-in.	...	2	
$\frac{3}{4}$ -in. $\times$ 13-in.	...	2	
Section No. 21.—A.			
Rings , leather, dust excluder, 2nd class axletree	8	4	

(a) Carried as convenient.

Stores for use with Sick Horses.

(See Part I, Equipment Regulations, for Peace Allowance.)

One wallet, veterinary, for use in "Peace or War," will be held in Peace Equipment, and one chest, veterinary unit, 25-lbs., for use in War will be held on mobilization store charge.

3. FIELD AMMUNITION COLUMNS.

Arms

TABLE 19.	General proportions.
<i>Weedon Section—A.</i>	
Rifles, short, M.L.E.	1 for mounted N.C.O., except artificers and those armed with pistols, and 2 for each wagon first-line transport.
Bottles, oil	1 for each rifle.
Protectors, muzzle, No. 3	1 for each rifle (war only).
Pullthroughs, .303 inch arms, Mark IV—	
B	1 for each rifle.
Gauze, wire	1 per rifle.
<i>Weedon Section—B.</i>	
Pistols, revolver, .455-inch, Webley ...	1 for B.S.M., Q.M.S., senior farrier, and 3 telephonists or orderlies.
Rods, cleaning, pistol, Webley, No. 2 ...	1 for each pistol.

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Accoutrements

TABLE 20.	General proportions.
<i>Section A—1.</i>	
Bags, ration	1 each, all ranks.
Bandoliers, 50 rounds	1 for each W.O., N.C.O. and man not armed with a pistol.
Belts, waist, B.E., leather	1 for each man armed with a pistol.
Bottles, water, Mark VI	1 for each W.O., N.C.O. and man.
Braces, with buckle	1 for each haversack.
Bugles	1 for each trumpeter.
Carriers, water-bottle	1 for each water-bottle.
Cases, pistol, with leather loops	1 for each man armed with a pistol.
Frogs, cutter, wire, folding	1 for each wire cutter.
Straps, with buckle	1 for each wire cutter.
Straps, with stud	1 for each wire cutter.
Haversacks, O.S.	1 for each W.O., N.C.O. and man.
Helmets, steel	1 each all ranks.
Lanyards, pistol	1 for each pistol.
Pouches, ammunition, pistol, with leather loops	1 for each pistol.
Slings, rifle, web	1 for each rifle.
Straps, brown, mess-tin, M.S.	1 for each mess tin.
Strings, bugle and trumpet	2 for each trumpeter.
Thongs, whistle	1 for each whistle, Artillery.
Tins, mess, M.S.	1 for each W.O., N.C.O. and man.
Trumpets	1 for each trumpeter.
Whistles, Artillery	1 for each staff-serjeant or serjeant.

Harness and Saddlery

TABLE 21.

Detail.	Allowance.
HARNESSES.	
<i>Section No. 5—A.</i>	
Harness, P.D.G.S.—	
Lead (a) double sets	1 for each 4-horsed vehicle. 2 for each 6-horsed vehicle.
Wheel (a) double sets	1 for each vehicle fitted with pole-draught.
Harness, shaft draught (a), off ... sets	1 for each vehicle fitted for shaft draught and for which only 1 horse is allowed.
SADDLERY.	
<i>Section No. 6—A.</i>	
Officers' (a) sets	1 for each officer.
Universal, R.A. (a) sets	1 set for each N.C.O. or man for whom horses are allotted according to war establishments.
Blankets, saddle	1 for each horse except when issued with H. and S.

(a) For details of sets of harness and saddlery, see Part I, Equipment Regulations. In war a reversible bit, rein, head collar, surcingle and head bridle will be issued for each horse not equipped with a set of harness and saddlery. (50 per cent. of the spare horses will be equipped.)

Harness and Saddlery—Miscellaneous Articles and Stable Necessaries

TABLE 22.

General proportions.

<i>Section No. 5—A.</i>	
Bags, nose, pattern 1916—	
Large	1 for each heavy draught horse.
Small	1 for each horse, except heavy draught.
Brushes—	
Harness, hard	1 for each double set of harness.
Horse	1 for each horse.
Rubbers, horse... ..	1 for each horse.

HARNESS AND SADDLERY, &c.

Materials for Preservation and Repair of Harness and Saddlery, including Saddletrees, are given in Part I, Equipment Regulations.

Carriages, &c.

FOR COMPONENTS, ACCESSORIES, SPARE PARTS, WAGON AND CART EQUIPMENT OF VEHICLES, *see* PART I, EQUIPMENT REGULATIONS.

TABLE 23.

		War.
CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO II, AND 4·5-INCH HOWITZER.		"A" Echelon.
<i>Section No. 14.</i>		
Adapters, pump pipe, Q.F. 18-pr., Marks I* to II, field carriages	...	3
Adapters, No. 2 pump, liquid, portable, No. 1	...	3
Apparatus, illuminating, aiming points	... sets	4
Bars, supporting, draught pole, No. 3	...	2
Blocks, brake, field and transport	...	12
Box, charging pumps	...	3
Cans, lubricating, No. 3	...	16
Cap, dust, 2nd class "C" capped wheels, No. 1	...	1
Carriages, field, Q.F. 18-pr., Marks I* to II—		
Gear, firing—		
Springs	...	2
Carriages, field, Q.F. 13 and 18-pr., Marks I to II—		
Gear, brake—		
Nut, actuating screw	...	1
Gear, range—		
Springs, spiral	...	2
Pins—		
Axletree—		
Centre	...	1
Side	...	2
Capsquare	...	1
Trail—		
Clips, securing traversing lever	...	3
Carriages, field, Q.F. 13 and 18-pr., Marks I to II, and 4·5-inch howitzer—		
Gear, brake—		
Eccentrics	...	1
Carriages, field, Q.F. 13 and 18-pr., Marks I to IV, and 4·5-inch howitzer—		
Lever, traversing—		
Springs, plunger	...	6
Carriage, field, Q.F. 4·5-inch howitzer—		
Bracket, supporting sights	...	1
Buffer, hydraulic—		
Carrier, retarding valve, piston	...	1
Collars, dividing valves, piston	...	1

Note.—See page 98 for particulars for Marks III^T to V Q.F. 18-pr. field carriage and 4·5-inch Howitzer.

Carriages, &c.—*continued*Table 23—*continued*.

CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO II, AND 4.5-INCH HOWITZER— <i>continued</i> .								War. — “A” Echelon.
<i>Section No. 14—continued.</i>								
Carriage, field, Q.F. 4.5-inch howitzer—<i>continued</i>.								
Buffer, hydraulic— <i>continued</i> .								
Glands, piston rod ...	...	...	...	...	...	...	...	1
Rings—								
Packing, “U” section ...	...	...	...	...	...	...	...	1
Securing leather packing ...	...	...	...	...	...	...	...	1
Supporting packing—								
Inner ...	...	...	...	...	...	...	...	1
Outer ...	...	...	...	...	...	...	...	1
Valves—								
Recoil, piston ...	...	...	...	...	...	...	...	1
Retarding, piston ...	...	...	...	...	...	...	...	1
Rotating, piston ...	...	...	...	...	...	...	...	1
Washers, packing (4 to a set) ...	...	...	...	...	...	...	sets	1
Cam, actuating recoil valve ...	...	...	...	...	...	...	...	1
Cradle—								
Bush, rear cap ...	...	...	...	...	...	...	...	1
Plates, parting running-out springs—								
Thick ...	...	...	...	...	...	...	...	1
Thin ...	...	...	...	...	...	...	...	1
Rollers, recoil valve, actuating bar ...	...	...	...	...	...	...	...	1
Gear, brake—								
Nuts, actuating screw ...	...	...	...	...	...	...	...	2
Gear, clamping cradle—								
Pawl ...	...	...	...	...	...	...	...	1
Spring, pawl ...	...	...	...	...	...	...	...	1
Gear, quick loading—								
Spring, plunger ...	...	...	...	...	...	...	...	1
Lever, traversing ...	...	...	...	...	...	...	...	1
Saddle—								
Pin, capsquare ...	...	...	...	...	...	...	...	1
Spring, capsquare pin ...	...	...	...	...	...	...	...	1
Shield—								
Lever, traversing ...	...	...	...	...	...	...	...	1
Spring, shutter ...	...	...	...	...	...	...	...	1
Spring, sight-supporting bracket ...	...	...	...	...	...	...	...	1
Trail—								
Clip, securing traversing lever—								
Spring, plunger, ...	...	...	...	...	...	...	...	1
Carriage, field, Q.F. 4.5-inch howitzer and 3-inch 20-cwt. H.A.—								
Springs, running-out—								
Wound left ...	...	...	...	...	...	...	...	1
Wound right ...	...	...	...	...	...	...	...	1
Carrier, No. 7 dial sight, No. 2, Marks I and I*—								
Washers, spring ...	...	...	...	...	...	...	...	1
Cases, No. 3 lubricating can ...	...	...	...	...	...	...	...	16
Case, field clinometer, No. 1 ...	...	...	...	...	...	...	...	1
Catch, limber hooks, No. 2 ...	...	...	...	...	...	...	...	1
Covers, apparatus, illuminating aiming point ...	...	...	...	...	...	...	...	4
Funnel, filling cylinder, No. 2 ...	...	...	...	...	...	...	...	1
Handle, catch, No. 29 Mark II limber hook and No. 1 perch hook...	...	...	...	...	...	...	...	1

Carriages, &c.—continued

Table 23—continued.

CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO II, AND 4·5-INCH HOWITZER—continued.		War.
Section No. 14—continued.		"A" Echelon.
Handles, driving, Nos. 2 and 5 two-stage horizontal air pumps	...	3
Hose, Nos. 2 and 5 horizontal air pumps	...	3
Key, split, flat, 1-inch × 4-inches	...	1
Keys, spring lock	...	2
Limbers—		
Q.F. 18-pr. wagon	...	6
Q.F. 4·5-inch howitzer	...	2
Nuts, actuating screw, brake gear, wagon ammunition Q.F. 4·5-inch howitzer	...	3
Pin, draught, No. 3	...	1
Plug, filling hole, hydraulic buffer, No. 16	...	1
Pockets, key, fuze, wagons, ammunition and limbers	...	4
Poles, draught, No. 18	...	4
Pump—		
Air, two-stage, horizontal, No. 2	...	3
Liquid, portable, No. 2	...	3
Rings, compressed packing—		
No. 2	...	1
No. 2, supplementary	...	1
Screws, lubricating hole, boss-head, $\frac{5}{16}$ -inch × $\frac{1}{4}$ -inch	...	8
Sights—		
Bar, carriage, field, Q.F. 4·5-inch howitzer	...	1
Forc, bar-sight, Q.F. 4·5-inch howitzer (a)	...	1
Rocking bar, Q.F. 18-pr., Marks I* to II, field carriages	...	1
Spanners—		
No. 93	...	1
" 244	...	1
" 267	...	1
" 284	...	1
" 288	...	1
Spanners, hydraulic buffer—		
No. 145	...	1
" 146	...	1
" 147	...	1
" 122	...	1
" 123	...	1
" 169	...	1
" 170	...	1
" 171	...	1
" 172	...	1
" 173	...	1
" 174	...	1
" 176	...	1
Spanners, Nos. 2, 3 and 5 horizontal air pumps—		
Large	...	3
Small	...	3
Spindle, catch, limber hook, No. 2	...	1

(a) Not stored, handed over by batteries on mobilization.

Carriages, &c.—*continued*Table 23—*continued*

CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO II, AND 4.5-INCH HOWITZER— <i>continued</i> .										War.
Section No. 14— <i>continued</i> .										"A" Echelon.
Springs—										
Catch, limber and perch hook	...	...	...	...	...	...	...	...	...	8
Disc—										
No. 62	...	...	...	...	...	...	...	...	...	8
No. 72	...	...	...	...	...	...	...	...	...	3
Draught hook, Q.F. 4.5-inch howitzer	...	...	...	...	...	...	...	...	...	3
Limber hook, Q.F. 4.5-inch howitzer	...	...	...	...	...	...	...	...	...	1
Spiral, automatic clamp, bar sight, Q.F. 4.5-inch howitzer	...	...	...	...	...	...	...	...	...	1
Straps, securing—										
1-inch × 72-inches	...	...	...	...	...	...	...	...	...	8
1 " × 54 "	...	...	...	...	...	...	...	...	...	12
1 " × 54 " D.L.	...	...	...	...	...	...	...	...	...	2
1 " × 48 "	...	...	...	...	...	...	...	...	...	64
1 " × 44 "	...	...	...	...	...	...	...	...	...	20
1 " × 36 "	...	...	...	...	...	...	...	...	...	44
1 " × 36 " D.L.	...	...	...	...	...	...	...	...	...	8
1 " × 30 "	...	...	...	...	...	...	...	...	...	112
1 " × 26 "	...	...	...	...	...	...	...	...	...	26
1 " × 22 "	...	...	...	...	...	...	...	...	...	62
1 " × 13 "	...	...	...	...	...	...	...	...	...	12
1 " × 10 "	...	...	...	...	...	...	...	...	...	32
1 " × 10 " double, with 2 loops	...	...	...	...	...	...	...	...	...	8
1 " × 18 "	...	...	...	...	...	...	...	...	...	12
1 " × 13 "	...	...	...	...	...	...	...	...	...	4
Tommy, No. 40										1
Tool, withdrawing, rings supporting packing, field carriages										1
Trays—										
Ammunition, limbers and wagons, Q.F. 4.5-inch howitzer										48
Box ammunition Q.F., 18-pr., Mark II—										
Wagon limber	...	...	...	...	...	...	...	...	...	6
Wagon	...	...	...	...	...	...	...	...	...	6
Wagons, ammunition—										
Q.F. 18-pr.	...	...	...	...	...	...	...	...	...	6
Q.F. 4.5-inch howitzer	...	...	...	...	...	...	...	...	...	2
Wagons, limbered, A or S—										
Fore	...	...	...	...	...	...	...	...	...	11
Wind	...	...	...	...	...	...	...	...	...	11
Wheels, 2nd class, "C," No. 45										spare 4

CARRIAGES, FIELD, Q.F. 18-PR., MARKS III* TO V, AND 4.5-INCH
HOWITZER.

Section No. 14.

Adapters—

No. 2 pump, liquid, portable, No. 2... 3

Pump pipe, Q.F. 18-pr., Marks III* to V, field carriages... 3

Washers, packing, 1 $\frac{1}{10}$ -inch diam. ... 12**Apparatus, illuminating aiming points** ... sets 4

Note.—See page 95 for particulars of Marks I* to II Q.F. 18-pr. field Carriages and 4.5-inch Howitzer.

Carriages, &c.—continued

Table 23—continued.

							War.
CARRIAGES, FIELD, Q.F. 18-PR., MARKS III ^t TO V, AND 4.5-INCH							"A"
HOWITZER—continued.							Echelon.
Section No. 14—continued.							
Bars, supporting, draught pole, No. 3	...	...	...	...	...	...	2
Blocks, brake, field and transport	...	...	...	...	...	...	12
Boxes—							
Charging pumps	...	...	...	...	...	...	3
Packing rings, No. 1	...	...	...	...	...	...	2
Cans, lubricating, No. 3	...	...	...	...	...	...	16
Caps, dust, 2nd class "C" capped wheels—							
No. 1	...	...	...	...	...	...	1
No. 4	...	...	...	...	...	...	1
Carriages, field, Q.F. 18-pr., Marks III ^t and IV—							
Gear, brake—							
Eccentrics	...	...	...	...	...	...	1
Nuts, actuating screw	...	...	...	...	...	...	6
Gear, elevating—							
Worms	...	...	...	...	...	...	3
Trail—							
Springs, clip, traversing lever	...	...	...	...	...	...	12
Carriages, field, Q.F. 18-pr., Marks III to V—							
Gear, cut-off—							
Pins, lever	...	...	...	...	...	...	3
Gear, firing—							
Springs	...	...	...	...	...	...	12
Gear, range—							
Blade, yard scale reader, M.V. corrector, indicator, 9-inch dial	...	...	...	...	...	...	6
Nuts, adjusting screw, M.V. corrector, indicator, 9-inch dial	...	...	...	...	...	...	6
Springs, plunger, dial carrier, indicator, 9-inch dial	...	...	...	...	...	...	6
Worms	...	...	...	...	...	...	3
Pads, beating face	...	...	...	...	...	...	6
Pins, hinge, capsquare, "A"	...	...	...	...	...	...	6
Springs, slider recoil indicator	...	...	...	...	...	...	3
Carriages, field, Q.F. 18-pr., Marks IV and V—							
Pins, hinge, capsquare, "B"	...	...	...	...	...	...	3
Carriages, field, Q.F. 18-pr., Mark V—							
Gear, brake—							
Bands	...	...	...	...	...	...	3
Nuts, actuating, R.H. thread	...	...	...	...	...	...	3
Nuts, actuating, L.H. thread	...	...	...	...	...	...	3
Gear, elevating—							
Worms	...	...	...	...	...	...	3
Gear, traversing—							
Worms	...	...	...	...	...	...	3
Trail, Marks I and II—							
Catches, locking trail legs	...	...	...	...	...	...	3
Liners, left trail leg, trail eye bracket, locking catch	...	...	...	...	...	...	3
Pins, locking, left leg, trail eye bracket	...	...	...	...	...	...	3
Plates, locking, ball bracket, large ball gland	...	...	...	...	...	...	6
Plates, locking, ball bracket, small ball gland	...	...	...	...	...	...	6
Springs, trail legs, locking catch	...	...	...	...	...	...	3
Springs, toothed spade catch	...	...	...	...	...	...	6
Trail, Mark I							
Pawls, toothed spade catch	...	...	...	...	...	...	6
Trail, Mark II—							
Pawls, toothed spade catch	...	...	...	...	...	...	6
(B 28/360)Q							D 2

Carriages, &c.—continued

Table 23—continued.

CARRIAGES, FIELD, Q.F. 18-PR., MARKS III^t TO V, AND 4.5-INCH
HOWITZER—continued.

War.
—
“A”
Echelon.

Section No. 14—continued.

Carriages, field, Q.F. 13-pr., 18-pr., Marks I to IV, and 4.5-inch howitzer—	
Lever, traversing—	
Spring, plunger	6
Carriages, field, Q.F. 13-pr. and 18-pr., Marks I to IV—	
Plungers, traversing lever	3
Carriage, field, Q.F. 4.5-inch howitzer—	
Bracket, supporting sights	1
Buifer, hydraulic—	
Carrier, retarding valve piston	1
Collar, dividing valves, piston	1
Gland, piston rod	1
Ring, packing, “U” section	1
Ring—	
Securing leather packing	1
Supporting packing—	
Inner	1
Outer	1
Valves—	
Recoil piston	1
Retarding piston	1
Rotating piston	1
Washers, packing (4 to a set)	set 1
Cam, actuating recoil valve	1
Cradle—	
Bush, rear cap	1
Plate, parting running-out springs—	
Thick	1
Thin	1
Rollers, recoil valve, actuating bar	1
Gear, brake—	
Nuts, actuating screw	2
Gear, clamping cradle—	
Pawl	1
Spring, pawl	1
Gear, quick loading—	
Spring, plunger	1
Lever, traversing	1
Saddle—	
Pin, capsquare	1
Spring, capsquare pin	1
Shield—	
Spring, shutter	1
Spring, sight-supporting bracket	1
Trail—	
Clip, securing traversing lever—	
Spring, plunger	1
Carriages, field, Q.F. 4.5-inch howitzer and 3-inch 20-cwt. H.A.—	
Springs, running-out—	
Wound left	1
Wound right	1
Carriers, No. 7 dial sight, Nos. 10 and 11, Mark I—	
Washers, spring	1

Carriages, &c.—continued**Table 23—continued.**

CARRIAGES, FIELD, Q.F. 18-PR., MARKS III ^t TO V, AND 4·5-INCH HOWITZER—continued.							War. — “ A ” Echelon.
<i>Section No. 14—continued.</i>							
Case, field clinometer, No. 1	...	...	...	...	...	...	1
Cases, No. 3 lubricating can	...	...	...	...	...	...	16
Catch, limber hook, No. 2	...	...	...	...	...	...	1
Covers, apparatus illuminating aiming point	...	...	...	...	...	...	4
Eyes, trail, No. 40	...	...	...	...	...	...	3
Funnel, filling cylinder, No. 2	...	...	...	...	...	...	1
Handles, driving, Nos. 2 or 5 two-stage horizontal air pump	...	...	...	...	...	...	3
Handle, catch, No. 29, Mark II limber hooks and No. 1 perch hook	...	...	...	...	...	...	1
Hose, Nos. 2 and 5 horizontal air pumps	...	...	...	...	...	...	3
Keys, adjusting valves, field carriages	...	...	...	...	...	...	6
Key, split, flat, 1-inch × 4-inches	...	...	...	...	...	...	1
Keys, spring lock	...	...	...	...	...	...	2
Limbers—							
Q.F. 18-pr. wagons	...	...	...	...	...	...	6
Q.F. 4·5-inch howitzer	...	...	...	...	...	...	2
Nut, actuating screw, brake gear, wagon ammunition, Q.F. 4·5-inch howitzer	...	...	...	...	...	...	2
Pin, draught, No. 3	...	...	...	...	...	...	1
Plug, filling hole, hydraulic buffer, No. 16	...	...	...	...	...	...	1
Pockets, key, fuze, wagons, ammunition and limbers	...	...	...	...	...	...	4
Poles, draught, No. 18	...	...	...	...	...	...	4
Pumps—							
Air, two-stage horizontal, No. 5	...	...	...	...	...	...	3
Hand, suction and force, screw-acting, No. 2	...	...	...	...	...	...	3
Liquid, portable, No. 2	...	...	...	...	...	...	3
Rings compressed packing—							
No. 2	...	...	...	...	...	...	1
No. 2, supplementary	...	...	...	...	...	...	1
Screws, lubricating hole, boss-head, $\frac{5}{16}$ -inch × $\frac{1}{4}$ -inch	...	...	...	...	...	...	8
Sight—							
Bar, carriage field, Q.F. 4·5-inch howitzer	...	...	...	...	...	...	1
Fore, bar sight, Q.F. 4·5-inch howitzer	...	...	...	...	...	...	1 (a)
Sights, rocking bar, Q.F. 18-pr.—							
Mark III ^t field carriages	...	...	...	...	...	...	1 (b)
Marks IV field carriages	...	...	...	...	...	...	1 (b)
Mark V field carriages	...	...	...	...	...	...	1 (b)
Sights, rocking bar, Q.F. 18-pr. Marks III^t to V field carriages—							
Bolts, clamping cross-levelling gear	...	...	...	...	...	...	3
Bushes, Part I outer cross-levelling plates	...	...	...	...	...	...	3
Nuts, cross-levelling	...	...	...	...	...	...	3
Nuts, securing cross-levelling plates	...	...	...	...	...	...	6
Pins, hinge, cross-levelling nut	...	...	...	...	...	...	3
Pins, hinge, cross-levelling plates	...	...	...	...	...	...	3
Screws, cross-levelling	...	...	...	...	...	...	3
Screws, fixing bearing plates, Part I outer cross-levelling plates	...	...	...	...	...	...	12

(a) Handed over by battery on mobilization.

(b) Only 1 spare rocking bar sight will be held if it is suitable for all the guns of the 3 batteries.

Carriages, &c.—continued

Table 23—continued.

CARRIAGES, FIELD, Q.F. 18-PR., MARKS III to V, AND 4.5-INCH HOWITZER—continued.						War. — "A" Echelon.
Section No. 14—continued.						
Sights, rocking bar, Q.F. 18-pr. Marks III to V field carriages—continued.						
Sleeves, cross-levelling	...	...	...	...	...	3
Wheels, hand, cross-levelling	...	...	...	...	...	3
Bracket, open sight—						
Bushes, square	...	...	...	...	...	3
Clips, fore sight cap	...	...	...	...	...	3
Handles, clamping screw	...	...	...	...	...	3
Heads, milled, deflection screw	...	...	...	...	...	3
Heads, plain, deflection screw	...	...	...	...	...	3
Plates, clamping, deflection drums	...	...	...	...	...	3
Plates, clamping, dial sight carrier	...	...	...	...	...	3
Plugs, end, cross-level carrier	...	...	...	...	...	6
Screws, clamping dial sight carrier	...	...	...	...	...	3
Screws, clamping fore sight	...	...	...	...	...	6
Screws, fixing deflection drum	...	...	...	...	...	24
Springs, deflection nut	...	...	...	...	...	6
Sights, rocking bar, Q.F. 18-pr. Marks IIIr and IV field carriages—						
Bushes, parallel motion link	...	...	...	...	...	3
Screws, pivot, Part II inner cross-levelling plate and parallel motion link	...	...	...	...	...	12
Bracket, open sight—						
Caps, protecting fore sight	...	...	...	...	...	3
Drums, deflection, left	...	...	...	...	...	3
Drums, deflection, right	...	...	...	...	...	3
Nut, deflection, Part I	...	...	...	...	...	1
Nut, deflection, Part II	...	...	...	...	...	1
Screws, clamping hind sight	...	...	...	...	...	6
Screws, traversing deflection	...	...	...	...	...	3
Sights, hind	...	...	...	...	...	3
Sights, fore	...	...	...	...	...	3
Sights, rocking bar, Q.F. 18-pr. Mark V carriages—						
Bracket, open sight—						
Bushes, eccentric	...	...	...	...	...	3
Drums, deflection, left	...	...	...	...	...	3
Drums, deflection, right	...	...	...	...	...	3
Nut, anti-backlash	...	...	...	...	...	1
Nut, deflection	...	...	...	...	...	1
Screws, traversing deflection	...	...	...	...	...	3
Caps, protecting fore sight	...	...	...	...	...	3
Screws, fixing, hind sight	...	...	...	...	...	6
Sights, fore	...	...	...	...	...	3
Sights, hind	...	...	...	...	...	3
Spanner, No. 93						
No. 244...	...	...	...	...	...	1
" 267...	...	...	...	...	...	1
" 284...	...	...	...	...	...	1
" 285...	...	...	...	...	...	1
" 288...	...	...	...	...	...	1
" 329...	...	...	...	...	...	1
" 330...	...	...	...	...	...	1
" 331...	...	...	...	...	...	1
" 332...	...	...	...	...	...	1

Carriages, &c.—continued

Table 23—continued

CARRIAGES, FIELD, Q.F. 18-PR., MARKS III ^T TO V, AND 4·5-INCH HOWITZER—continued.										War.
Section No. 14—continued.										"A" Echelon.
Spanners—continued.										
No. 333...	...	...	...	...	...	...	...	...	...	1
" 334...	...	...	...	...	...	...	...	...	...	1
" 335...	...	...	...	...	...	...	...	...	...	1
" 377...	...	...	...	...	...	...	...	...	...	1
" 378...	...	...	...	...	...	...	...	...	...	1
" 381...	...	...	...	...	...	...	...	...	...	1
Spanners, hydraulic buffer—										
No. 145...	...	...	...	...	...	...	...	...	...	1
" 146...	...	...	...	...	...	...	...	...	...	1
" 147...	...	...	...	...	...	...	...	...	...	1
Spanners, Nos. 2, 3 and 5 horizontal air pumps—										
Large ...	...	...	...	...	...	...	...	...	...	3
Small ...	...	...	...	...	...	...	...	...	...	3
Spindle, catch, limber hook, No. 2 ...	...	...	...	...	...	...	...	...	...	1
Springs—										
Catch, limber and perch hooks ...	...	...	...	...	...	...	...	...	...	8
Disc—										
No. 62 ...	...	...	...	...	...	...	...	...	...	8
No. 72 ...	...	...	...	...	...	...	...	...	...	3
Draught hook, Q.F. 4·5-inch howitzer ...	...	...	...	...	...	...	...	...	...	3
Limber hook, Q.F. 4·5-inch howitzer ...	...	...	...	...	...	...	...	...	...	1
Spiral, automatic clamp, bar sight, Q.F. 4·5-inch howitzer ...	...	...	...	...	...	...	...	...	...	1
Straps, securing—										
1-inch × 72-inches ...	...	...	...	...	...	...	...	...	...	8
1 " × 54 " ...	...	...	...	...	...	...	...	...	...	12
1 " × 54 " D.L. ...	...	...	...	...	...	...	...	...	...	2
1 " × 48 " ...	...	...	...	...	...	...	...	...	...	64
1 " × 44 " ...	...	...	...	...	...	...	...	...	...	20
1 " × 36 " ...	...	...	...	...	...	...	...	...	...	44
1 " × 36 " D.L. ...	...	...	...	...	...	...	...	...	...	8
1 " × 30 " ...	...	...	...	...	...	...	...	...	...	112
1 " × 26 " ...	...	...	...	...	...	...	...	...	...	26
1 " × 22 " ...	...	...	...	...	...	...	...	...	...	62
1 " × 13 " ...	...	...	...	...	...	...	...	...	...	12
1 " × 10 " ...	...	...	...	...	...	...	...	...	...	32
1 " × 10 " double, with 2 loops ...	...	...	...	...	...	...	...	...	...	8
$\frac{3}{4}$ " × 18 " ...	...	...	...	...	...	...	...	...	...	12
$\frac{3}{4}$ " × 13 " ...	...	...	...	...	...	...	...	...	...	4
Tommy, No. 44 ...	...	...	...	...	...	...	...	...	...	1
Tool—										
Removing and inserting floating piston, Q.F. 18-pr. ...	...	...	...	...	...	...	...	...	...	1
Threading $\frac{5}{16}$ -inch anti-friction balls ...	...	...	...	...	...	...	...	...	...	1
Withdrawing neck rings, Q.F. 18-pr. Marks III ^T to V carriages ...	...	...	...	...	...	...	...	...	...	1
Withdrawing rings supporting packing field carriages ...	...	...	...	...	...	...	...	...	...	1
Trays, ammunition, limbers and wagons, Q.F. 4·5-inch howitzer ...	...	...	...	...	...	...	...	...	...	48
Trays, box ammunition, Q.F. 18-pr., Mark II—										
Wagon limber ...	...	...	...	...	...	...	...	...	...	6
Wagon ...	...	...	...	...	...	...	...	...	...	6

(B 28/360)Q

D 4

Carriages, &c.—*continued*Table 23—*continued*.

CARRIAGES, FIELD, Q.F. 18-PR., MARKS IIII TO V, AND 4.5-INCH HOWITZER— <i>continued</i> .										War. — "A" Echelon.
<i>Section No. 14—continued.</i>										
Wagons, ammunition—										
Q.F. 18-pr. ...	...	...	...	...	...	...	...	...	...	6
Q.F. 4.5-inch howitzer ...	...	...	...	...	...	...	...	...	...	2
Wagons, limbered, A. or S.—										
Fore ...	...	...	...	...	...	...	...	...	...	11
Hind ...	...	...	...	...	...	...	...	...	...	11
Wheels, 2nd class, "C"—										
No. 45 ...	...	...	...	...	...	...	...	...	...	2
No. 49 ...	...	...	...	...	...	...	...	...	...	1

Section No. 28—B.

Batteries, dry, Y (c)	...	...	...	...	...	...	...	...	...
" " " (c)	...	...	...	...	...	...	...	...(spare)	...

CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO V, AND 4.5-INCH
HOWITZER.War.
—
For each
column.*Section No. 21—A.*

Boxes, grease, 3-lb. ...	...	...	...	...	...	...	...	...	(a)
Carts, water tank ...	...	...	...	...	...	...	...	...	1
Collars, adjusting, 2nd class, "C," capped wheels ...	...	...	...	...	...	...	...	...(spare)	1
Covers, rifle ...	...	...	...	...	...	...	...	...	38
Hooks, limber, No. 41 ...	...	...	...	...	...	...	...	...	2
Kitchen, travelling ...	...	...	...	...	...	...	...	...	1
Perches, wagons, limbered, G.S. and F.A. ...	...	...	...	...	...	...	...	...(spare)	1
Pins, linch, 2nd class, "C," capped wheels ...	...	...	...	...	...	...	...	...(spare)	1
Swingletrees, No. 11 or 13 ...	...	...	...	...	...	...	...	...(spare)	(b)
Washers, drag, 2nd class, "C," capped wheels ...	...	...	...	...	...	...	...	...(spare)	1

Section C.—2.

Bicycles ...	...	...	...	...	...	...	...	...	...	1
--------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	---

(a) 3 for each ammunition wagon and limber.

(b) 1 for each ammunition wagon limber.

(c) 3 for each Apparatus, illuminating aiming points, sets.

Camp Equipment

TABLE 24.

TABLE 24.	War.				Remarks.
	"A" Echelon.			Total for each column.	
	For each ammunition wagon and limber.	"A" Echelon.	"B" Echelon.		
Section No. 2—A.					
Appliances, for the conveyance and storage of water, special services—					
Troughs, waterproof, 600 galls.	...	1	...	1	
Axes, felling curved helve	...	8	2	10	
Bags, picketing gear	...	10	...	10	
Boxes, stationery, field, small(a)	...	2	...	2	
Buckets, water, G.S., canvas... ..	6	...	...	48	
Flags, distinguishing—					
Ammunition column, Mark II	...	1	...	1	
Cross-bars pairs	...	1	...	1	
Poles, 16-feet	...	1	...	1	
Helves, maul, 34½-inch	...	2	2	4	
Hooks—					
Bill	1	...	...	8	
Reaping, large	1	...	...	8	
Kettles, camp, oval, 12-qts.(b)	...	...	...	...	1 for every 3 officers or 16 other ranks.
Mallets, heel-peg					
Mauls, G.S., heads, Mark V	...	20	...	20	
Nets, hay	...	1	1	2	
Pads, surcingle, Mark III	...	...	...	...	1 for each horse.
Pegs, picketing, with rope loop, Mark II	...	...	...	...	1 for each horse.
Pins, tent, wood, large	3	...	...	3	1 for each Mark IV heel rope.
Ropes—					
Head, hemp with ring, Mark IV	...	...	...	...	For flagstaff.
Heel, Mark IV	...	...	...	...	1 for each horse.
					25 per cent. of establishment of horses.

(a) Filled with Army books, &c. As in A.F. L 1398. The books of regulations will be corrected, as amendments are published in Army Orders, by the officer in whose charge the equipment is held.

(b) When "Kitchens, travelling" are allowed by War Establishment, only 2 camp kettles for the units are authorised for the use of men on detached duty.

Camp Equipment—continued

Table 24—continued.				War.			Remarks.	
				"A" Echelon.		"B" Echelon.		Total for each column.
				For each ammuni- tion wagon and limber.	"A" Echelon.			
Section No. 2—A—contd.								
Ropes—continued.								
Picketing—								
4-feet 9-inch	...	...	...	13	...	13	1 for every 15 horses. 1 for each horse, on mobilization. 1 for each W.O., N.C.O. and man.	
66-feet	...	...	...	...	...	...		
Rugs, horse	...	...	...	...	...	...		
Sheets, ground, Mark VII	...	...	...	...	...	...		
Section No. 2—B.								
Axes, pick—								
Heads, 4½ lbs.	...	...	2	...	6	22		
Helves, 36-inch, ferruled	...	...	2	...	6	22		
Crowbars, 5-feet 6-inch	...	...	...	1	1	2		
Shovels, G.S.	...	...	2	...	6	22		
Wedges, sawyers'	...	...	...	3	2	5		
Spades, Mark III	...	...	2	...	6	22		
Section No. 11.								
Lamps, hurricane	...	...	...	12(a)	2	14		
Section No. 12.								
Stones, rub, scythe	...	...	...	1	...	1		

(a) 2 to have globes painted, 1 red and 1 green, for use as distinguishing lamps.

Camp Equipment—continued

Table 24—continued.	War.				Remarks.
	"A" Echelon.			Total for each column.	
	For each ammunition wagon and limber.	"A" Echelon.	"B" Echelon.		
Section No. 13—A.					
Blankets—					
G.S.	4(a)	...	...	36	1 for each W.O., N.C.O. and man(b)
G.S.	...	...	...	...	
Section No. 29—E.					
Hose, prepared canvas, 1½-inch × 12-feet ... lengths	...	2	...	2	
Hose, canvas, 2-inch × 30-feet (spare,... .. lengths	...	1	...	1	
Pumps, lift and force, Mark V	...	1	...	1	
SPECIAL FOR HEAVY TRANSPORT HORSES.					
Helves, maul, 34½-inch	...	...	...	...	1 for every 8 horses or less, and 25 per cent. spare.
Mauls, G.S., heads	...	...	...	...	1 for every 8 horses or less.
Posts, picket, 2½-feet with rope loop	...	...	...	...	1 for each horse, 1 for each heel rope and 25 per cent. spare.
Ropes, heel, large	...	...	...	...	25 per cent.

(a) 6 for Q.F. 4·5-inch howitzer wagon and limber.

(b) Not stored with mobilization equipment.

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Gen. No.
2020

Implements, Butchers'.

The undermentioned stores will not be regarded as vehicle equipment of the "Officers' Mess Cart," or "Kitchens, travelling," but will be allowed according to the strength of the unit as detailed below :—

Articles.	For every—			
	200 to 300 men.	100 to 200 men.	50 to 100 men.	25 to 50 men.
<i>Section No. 12.</i>				
Balances, spring—				
100 lbs.	1	...	...	...
30 lbs. (a)	...	...	...	1
Bowls, hand	2	2	1	1
Cleavers, 2-feet 1-inch (b)	1	1	...	...
Forks, flesh	1	1	1	1
Implements, butchers'—				
Balances, spring, 4-lbs.	2	1	1	...
Choppers, meat	2	1	1	1
Hooks, dressing, 9-inch	12	6	6	...
Knives, cutting	3	2	1	1
Knives, flaying, large	2	1	1	1
Saws, tenon, 14-inch	2	1	1	1
Sheets, ground (U)	2	1	1	1
Steels	2	1	1	1
Steelyards, 56-lbs.	2	1	1	...
Knives, cooks'—				
12-inch	2	1	1	...
9 „ (c)	3	2	1	1
6 „ (c)	3	2	1	1
Knives, opening tins	6	4	3	2
Ladles, cooks', F.A.	2	1	1	1
Machines, mincing, tinned iron—				
Large	1	1	...	...
Small	...	...	1	1
Saws, butchers', bow, 20-inch	1	1	1	...
<i>Section No. 21—A..</i>				
Holdalls, implements', butchers	1	1	1	1

(a) 100-lbs. till the 30-lbs. are available.

(b) Implements, butchers', choppers, meat, till available.

(c) Implements, butchers', knives, cutting, till available.

Ordnance and General Stores

TABLE 26.

TABLE 26.	War.				Remarks.
	"A" Echelon.			Total for each column.	
	For each ammunition wagon and limber.	"A" Echelon.	"B" Echelon.		
Section No. 7.					
Anvils—					
40-lb.	...	...	...	1	
5-lb. 10-oz.(a)...	...	1	...	1	
Bags, tool, wheelers'	...	1	...	1	
Brushes, sable, writing, duck, large(a)	...	2	...	2	
Cases, saw, hand	2	...	...	16	
Chests, tool, filled, smiths'(b)	...	1	...	1	
Chisels, ripping (c)	...	1	1	2	
Cutters, wire, folding	...	12	...	12	
Forges, field, light	...	...	...	1	
Grindstones, F.S., 14-inch	...	1	...	1	
Hammers—					
Claw, 16-oz.	...	3	...	3	
Riveting—					
24-oz.(c)	...	1	1	2	
8-oz.(a)	...	1	...	1	
Smiths' sledge, 10-lb.	...	1	...	1	
Irons, branding, $\frac{5}{8}$-inch—					
Figures, 0 to 8 sets	...	2	...	2	
Letters, 1 (d)	...	1	...	1	
Nail pullers (c)	...	1	1	2	
Pliers—					
Flat nose pairs	...	1	...	1	
Side-cutting, 8-inch	...	1	...	1	
Punches, pin, $\frac{3}{16}$-inch	...	1	...	1	
Rasps, farriers', 16-inch	...	...	...	...	
(spare)	...	2	...	2	
Saws, hand, 26-inch	2	...	...	16	
Screwdrivers, G.S.—					
9-inch(c)	...	1	1	2	
4-inch	1	...	...	6	

(a) For marking arms and accoutrements; will not be taken with the unit on mobilization.

(b) For contents of chests, see Part I, Equipment Regulations.

(c) Tools, opening packages; may be used in peace if required.

(d) As required for regimental initials.

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Stores

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Ordnance and General Stores—continued

Table 26—continued.

Table 26—continued.	War.				Remarks.
	“A” Echelon.			Total for each column.	
	For each ammunition wagon and limber.	“A” Echelon.	“B” Echelon.		
Section No. 7—continued.					
Stamps—					
Copper, inlaid, $\frac{1}{8}$ -inch—(c)					
Figures, 0 to 8 ... sets	...	2	...	2	
Letter 1 (a) ... „	...	2	...	2	
Steel for metal, $\frac{1}{8}$ -inch—					
Figures, 0 to 8 ... sets	...	2	...	2	
Letters, 1 letter(a)... „	...	2	...	2	
Steel, for metal, $\frac{3}{16}$ -inch—(d)					
Figures, 0 to 8 ... sets	...	1	...	1	
Letters, 1 letter(a)... „	...	1	...	1	
Tools (b)—					
Fitters' or wheelers'—					
No. 1 sets	...	1	1	2	
„ 2 „	...	1	...	1	
„ 3 „	...	1	...	1	
Forge „	...	1	...	1	
Saddlers'—					
No. 1 „	...	2	...	2	
„ 2 „	...	1	...	1	
Shoeing „	...	4	...	4	
Tinman's „	...	1	...	1	
Tools, screw-cutting, bolt and nut, R.A., field—					
Chest, filled (b)	...	1	...	1	
Typeholders	...	2	...	...	
Blocks	...	2	...	...	
Type letter, $\frac{1}{2}$ -inch (regimental initials)	...	2	...	...	
Valises, tool	...	8	1	9	
Vices, bench, saddletreemakers'	...	1	...	1	

(a) As required, for regimental initials.

(b) For detail of sets, see pages 24 to 33.

(c) Will be replaced by stamps marking textiles when worn out.

(d) Will be replaced by $\frac{1}{4}$ -inch when worn out.

Ordnance and General Stores—*continued*Table 26—*continued*.

Table 26—continued.	War.				Remarks.
	"A" Echelon.			Total for each column.	
	For each ammunition wagon and limber.	"A" Echelon.	"B" Echelon.		
Section H.—2					
Cordage, hemp, hawser, 3-strand, tarred, $\frac{3}{4}$ -inch fathoms	...	56	...	56	Carried on platform board of limbers. Carried in recess under body of wagons.
Lines, Hambro'	...	8	...	8	
Line, white, 1-lb. skeins, skeins	...	2	...	2	
Twine, packing, small... lbs.	...	1	...	1	
Section No. 9—A.					
Dubbing lbs.	...	30	...	30	For protection of bore and breech fittings.
Grease, lubricating, for cool climates(a) lbs.	9	...	...	72	
Ink—					
Marking gills	...	2	...	2	
Stamping woollens	...	3	...	3	
Mineral Jelly, red lbs.	...	30	...	30	
Oil—					
Mineral (for buffers) pints	2	32	...	48	
Rangoon „	1	16	...	24	
Section No. 9—B.					
Boxes, dubbing or mineral jelly, 2 lbs.	...	15	...	15	For mineral jelly, red. 1 for each rifle.
Cylinders, paint, No. 3	...	10	...	10	
Tins, oil, with screw top, $\frac{1}{8}$ -pint (empty)	...	...	...	...	

(a) See footnote (a), page 15.

Ordnance and General Stores—*continued*Table 26—*continued*.

Table 26—continued.	War.				Remarks.
	“A” Echelon.		“B” Echelon.	Total for each column.	
	For each ammunition wagon and limber.	“A” Echelon.			
<i>Section No. 6.</i>					
Cogs, screw, frost, chisel head					
(c)—					
$\frac{1}{2}$ -inch lbs.	...	6	...	6	
$\frac{3}{4}$ -inch "	...	39 $\frac{1}{2}$	...	39 $\frac{1}{2}$	
Shoes, horse (a) (b) ...	...	...	...	...	
Taps, frost, cogs (c)—					
$\frac{1}{2}$ -inch	...	6	...	6	
$\frac{3}{4}$ -inch	...	39	...	39	
Wrenches, frost cogs (c) ...	...	41	...	41	
Valises, horse-shoe, Mark II ...	1	...	...	8	
<i>Section G—1.</i>					
Padlocks, iron, 2-inch ...	...	10	...	10	Mobilization store boxes.
<i>Section No. 11.</i>					
Brushes, water, carriage ...	1	...	...	8	
<i>Section No. 12.</i>					
Handcuffs, common ... pairs	...	2	...	2	
Machines, chaff-cutting ...	...	1	...	1	
<i>Section H—2.</i>					
Tow, jute lbs.	...	6	...	6	For packing stores generally.
<i>Section No. 13—C.</i>					
Cloths, sponge	...	40	...	40	

(a) Allowance for horses joining on mobilization, see Part I, Equipment Regulations.

(b) 3 sets with nails carried in the valise on each ammunition wagon. The remainder, 40 per cent. of the establishment of horses, carried in a limbered wagon.

(c) Not stored. Will be issued from Central Ordnance Depots on mobilization if specially ordered.

Ordnance and General Stores—continued

Table 26—continued.

<i>Section No. 14.</i>						War "A"
Boxes, mobilization stores(a)—						Echelon.
No. 1(b)	...	...	...	...	...	2 1/4
" 2(c)	...	...	...	...	...	1
" 5(d)	...	...	...	...	...	1
" 6(e)	...	...	...	...	...	1
" 10(f)	...	...	...	...	...	1
" 13(g)	...	...	...	...	...	1
" 14(h)	...	...	...	...	...	1
Cans, lubricating, No. 9	...	...	...	...	...	1
Carriers, ammunition—						
Q.F. 13 and 18-pr.	...	...	...	...	...	6
Q.F. 4·5-inch howitzer	...	...	...	...	...	6
 <i>Section No. 15—B.</i>						
Apparatus, illuminating sights—						
No. 2	...	...	...	...	...	6 For Q.F. 18-pr., Marks I* to II, carriages.
" 3	...	...	...	...	...	2 For Q.F. 4·5-inch howitzer.
" 5	...	...	...	...	...	6 For Q.F. 18-pr., Marks III* to V carriages.
Bucket, aiming posts	...	...	...	...	...	1
Cases, stand—						
Artillery range-finder	...	...	...	...	...	1
No. 6 director	...	...	...	...	...	2
Cases, Nos. 2 or 3, tinted spectacles	...	...	...	...	...	4
Cases, No. 6 director	...	...	...	...	...	2
Clinometers—						
Field	...	...	...	...	...	1
Sight	...	...	...	...	...	1
Directors—						
No. 6	...	...	...	...	...	2
Laths, adjusting, artillery rangefinder	...	...	...	...	...	1
Plotters, field	...	...	...	...	...	2
Posts, aiming crosshead—						
Circular head	...	...	...	...	...	2
Square head	...	...	...	...	...	2
Posts, aiming, with flag	...	...	...	...	...	2
Range-finders, artillery, No. 2	...	...	...	...	...	1

(a) For lists of contents, see pages 165 to 178.

(b) For Artificers, R.A. (fitters, wheelers, No. 3 set), forge and tinman's tools and material for repair.

(c) For repair materials, harness and saddlery.

(d) For mineral jelly, &c.

(e) For No. 2 set saddlers' tools.

(f) For spare parts, &c., Q.F. 18-pr. guns.

(g) For spare sights, &c.

(h) For spare fittings, Q.F. 4·5-inch howitzer.

Ordnance and General Stores—continued

Table 26—continued.

					War "A" Echelon.
<i>Section No. 15—B—continued.</i>					
Sights, dial, No. 7	...	...	...	...	4(a)
Spectacles, tinted—					
No. 2	...	...	...	...	2
" 3	...	...	...	...	2
Springs, clinometer sight	...	...	...	...	1
Stands—					
Artillery range-finder	...	...	...	...	1
No. 6 director	...	...	...	...	2

Section No. 16—A.

Drifts, No. 3	...	...	...	...	1
---------------	-----	-----	-----	-----	---

Section No. 17—A.

Gauge, striker protrusion, No. 1	...	...	...	...	1
----------------------------------	-----	-----	-----	-----	---

Section No. 17—B.

Box, mobilization stores, No. 16(b)	...	...	...	...	1
Drifts, No. 12	...	...	...	...	1

Q.F. 18-PR., MARKS I TO II*.**FITTINGS (SPARE). (c)**

Ordnance, Q.F. 18-pr., Marks I to II*—					
Extractor	...	...	...	...	1
Ordnance, Q.F. 13-pr., Marks I-II, and 18-pr.,					
Marks I to II—					
Carrier	...	...	...	...	1
Ordnance, Q.F. 13-pr., Marks I to III, and 18-pr.,					
Marks I to II*—					
Block, guide striker	...	...	...	...	1
Bushes, firing hole, Mark II	...	...	...	...	1
Catch, retaining, breech screw	...	...	...	...	1
Lever, breech mechanism, Mark II	...	...	...	...	3
Scrow, breech, Mark II	...	...	...	...	1
Striker	...	...	...	...	1
Trigger	...	...	...	...	1

(a) Handed over by batteries on mobilization.

(b) For spare fittings, Q.F. 4.5-inch howitzer.

(c) The stores to be held by the column depend on the mark of carriage in possession of the batteries.

Ordnance and General Stores—continued

Table 26—continued.

 War "A"
Echelon.
*Section No. 17—B—continued.**FITTINGS, SPARE—continued.***Ordnance, Q.F. 13-pr., Marks I to III, and 18-pr.,****Marks I to II* and IV—**

Lever, firing	...	...	...	...	...	1
Pins, firing	...	...	...	...	...	3
Springs—						
Main	...	...	...	...	...	2
Safety catch	...	...	...	...	...	2
Trigger	...	...	...	...	...	3
Tripping piece	...	...	...	...	...	1

Q.F. 18-pr., MARK IV.**FITTINGS (SPARE). (a)****Ordnance, Q.F. 18-pr., Mark IV—**

Blocks, guide striker...	...	...	...	...	...	3
Bushes, firing hole	...	...	...	...	...	6
Carriers	...	...	...	...	...	3
Extractors—						
Upper	...	...	...	...	...	3
Lower	...	...	...	...	...	3
Levers, breech mechanism	...	...	...	...	...	6
Reservoir, oil—						
Plugs, filling	...	...	...	...	...	6
Springs, relief valve	...	...	...	...	...	6
Valves, relief	...	...	...	...	...	3
Washers, packing—						
Filling plug	...	...	...	...	...	12
Inspection window	...	...	...	...	...	12
Relief valve bush, also pipe connections and	...	...	...	...	...	...
oil reservoir nipple	...	...	...	...	...	24
Union, oil reservoir, connecting pipe	...	...	...	...	...	12
Window, inspection	...	...	...	...	...	3
Screws, breech	...	...	...	...	...	3
Springs, catch retaining, B.M. lever	...	...	...	...	...	12
Strikers	...	...	...	...	...	1
Triggers	...	...	...	...	...	1

Ordnance, Q.F. 13-pr., Marks I to III, and 18-pr.,**Marks I to II* and IV—**

Levers, firing	...	...	...	...	...	3
Pins, firing	...	...	...	...	...	6
Springs—						
Main	...	...	...	...	...	12
Safety catch	...	...	...	...	...	12
Trigger	...	...	...	...	...	24
Tripping piece	...	...	...	...	...	6

(a) The stores to be held by the column depend on the mark of carriage in possession of the batteries.

Ordnance and General Stores—continued

Table 26—continued.

War "A"
Echelon.

*Section No. 17—B—continued.***Q.F. 4·5-INCH HOWITZER.****FITTINGS (SPARE).****Ordnance, Q.F. 4·5-inch howitzer—**

Blocks, breech	...	...	...	...	1
Bush, firing hole	...	...	...	...	1
Catch, retaining cylinder nut	...	...	...	...	1
Extractor	...	...	...	...	1
Lever—					
Breech mechanism	...	...	...	...	1
Firing	...	...	...	...	1
Pins—					
Actuating firing lever	...	...	...	...	1
Firing	...	...	...	...	2
Keep trigger	...	...	...	...	1
Retaining extractor	...	...	...	...	1
Plate, cam, B.M. lever	...	...	...	...	1
Spring—					
Catch, B.M. lever	...	...	...	...	1
Catch, retaining, cover plate	...	...	...	...	1
Catch, retaining, cylinder nut	...	...	...	...	1
Main	...	...	...	...	1
Safety stop	...	...	...	...	1
Stop, safety	...	...	...	...	1
Striker	...	...	...	...	1
Trigger	...	...	...	...	1
Wrench, breech mechanism, No. 90	...	...	...	...	1

Section No. 19.

Brush, breech screw	...	...	...	...	1
Case, No. 8A or 17 cleaners	...	...	...	...	1
Cleaner—					
Piasaba, No. 8A	...	...	...	...	1
" " 18	...	...	...	...	1
Wool, No. 1	...	...	...	...	1

Cover—

Adapter pump pipe, Q.F. 18-pr., Marks IIIr to V	...	...	...	...	3
Breech, Q.F. 18 pr., No. 2	...	...	...	...	1
" " No. 3	...	...	...	...	1
Breech, Q.F. 4·5-inch howitzer	...	...	...	...	1

For Q.F. 18-pr.,
Marks I to II*.

For Q.F. 18-pr.,
Mark IV.

Canvas, front cap, recuperator case, Q.F. 18 pr.	...	...	...	...	1
Marks I* to II field carriages	...	...	...	...	1

Muzzle—

No. 1	...	...	...	...	1
" 17	...	...	...	...	1

For Q.F. 18-pr.,
Marks I to II.

For Q.F. 4·5-inch
howitzer.

Ordnance and General Stores—continued

Table 26—continued.

War "A"
Echelon.

Section No. 19—continued.**FITTINGS, SPARE—continued.****Cover—continued.****Muzzle—continued.**

No. 23	...	...	...	...	...	1	For Q.F. 18-pr. Mark IV.
Rocking bar sight, Q.F. 18-pr., Marks IIIr to V	...	...	...	...	...	1	
carriages	...	...	...	...	...	1	
Sight bracket and hind sight, Q.F. 4.5-inch	...	...	...	...	...	1	
howitzer	...	...	...	...	...	1	
Lashings, tarred—	...	...	...	...	...	1	
1½-inch × 16-feet	...	...	...	...	...	1	
1 " × 20 "	...	...	...	...	...	4	
1 " × 10 "	...	...	...	...	...	8	
Rammers, Q.F. 4.5-inch howitzer	...	...	...	...	...	1	
Ropes, drag, light, G.S.	...	...	...	...	pairs	8	
Tackles, luff, 14-fathoms	...	...	...	...	...	1	

Section No. 20.

Handspikes, common, 6-foot	...	...	...	2
Jacks, lifting, G.S.	...	...	...	1

	War.		
	"A" Echelon.	"B" Echelon.	Total for each Column.
Section No. 23 (a).			
Boxes, No. 1 percussion primers	10	5	15
Cartridges, Q.F. 18-pr.—			
H.E. (fuzed, No. 106 D or 106 E)	272	136	408
H.E. (fuzed, No. 101 non-delay)	88	44	132
Shrapnel (fuzed, No. 80)	504	300	804
Smoke (fuzed, No. 106 D or 106 E (b))	192	...	192
Clips, cartridge, No. 4	864	480	1,344
Implements, ammunition—			
Keys, No. 27 (primer, 13 and 18-pr.	1	1	2
Primers, percussion, Q.F. cartridges,			
No. 1	40	20	60

- (a) All ammunition except that carried in ammunition wagons will be boxed.
 (b) Will be issued at the base on mobilization.

Ordnance and General Stores—continued

Table 26—continued.

	War.		
	"A" Echelon.	"B" Echelon.	Total for each Column.
<i>Not in Vocabulary.</i>			
Gauges , diameter of body over paint, Q.F. 18-pr. shells	1	...	1
<i>Section No. 24 (a).</i>			
Cartridges , Q.F. 4·5-inch howitzer, filled	336	336	672
Gauges , shell, Q.F. 4·5-inch howitzer, body	1	...	1
Implements , ammunition—			
Keys, No. 26 (primer, 4·5-inch and 4-inch)	1	1	2
Shell , Q.F. filled 4·5-inch howitzer—			
H.E.	256	336	592
Smoke (b)	80	...	80
<i>Section No. 26.</i>			
Fuzes , percussion, D.A.—			
No. 101 E non-delay	64	84	148
No. 106 E (e)	272	252	524
Implements , ammunition—			
Keys, No. 17 (fixing No. 80 type fuzes)	2	1	3
Keys, No. 18 (setting No. 80 type fuzes)	6	2	8
Keys, No. 23 (plugs and D.A. fuzes) Keys, No. 53 (inserting and remov- ing, No. 100 type of percussion or graze fuzes)	6	2	8
<i>Section No. 27—A.</i>			
Cartridges , S.A. ball—			
Revolver, ·455-inch (c)	...	...	...
·303-inch cordite—			
Charger packed (d)	5,950	1,190	7,140
Bundle packed (f)... ..	...	...	...

(a) All ammunition except that carried in ammunition wagons will be boxed.

(b) Will be issued at the base on mobilization.

(c) 18 rounds per pistol, including officers.

(d) 50 rounds for each bandolier and rifles of R.A.V.C. details attached, 20 rounds for each rifle for R.A.S.C.

(e) Includes 80 fuzes for smoke shell.

(f) 1,128 rounds for each Lewis machine gun.

Ordnance and General Stores—*continued*Table 26—*continued*.

	War.		
	"A" Echelon.	"B" Echelon.	Total for each Column.
<i>Section No. 28—B.</i>			
Cells, inert—			
P. Mark I (or Q)	(b)	...	(b)
P. Mark I (or Q) ... ..(spare)	(b)	...	(b)
Q.	(a)	...	(a)
Q. ... ..(spare)	(a)	...	(a)

(a) 2 for each Apparatus, illuminating sights No. 5.

(b) 3 for each Apparatus, illuminating sights No. 2 or No. 3.

Materials, Repairing Carriages, &c.

TABLE 27.

										War, "A" Echelon.
<i>Section G.—2.</i>										
Wire, phosphor bronze, No. 11 S.W.G.	...	...	...	...	...	...	...	...	feet	3
Zinc, alloy	...	...	...	...	...	...	...	...	lbs.	1
<i>Section No. 9—A.</i>										
Borax,	...	...	...	...	...	...	...	...	lbs.	1
Rosin, black	...	...	...	...	...	...	...	...	ozs.	6
Sal-ammoniac, in lumps	...	...	...	...	...	...	...	...	"	6
<i>Section G.—1.</i>										
Bolts—										
With nuts, bosshead, square, $\frac{1}{4}$ -inch $\times$ $3\frac{1}{4}$ -inch	...	...	...	...	...	...	...	...	...	8
Without nuts, hexagon head, $\frac{1}{4}$ -inch $\times$ $1\frac{1}{4}$ -inch	...	...	...	...	...	...	...	...	...	4
Chain, brass, solid link—										
No. 1	...	...	...	...	...	...	...	...	yards	3
" 3	...	...	...	...	...	...	...	...	"	3

Materials, Repairing Carriages, &c.—continued

Table 27—continued.

War,
"A"
Echelon.

Section G 1—continued.

Pins, keep, split (a)—

5/16-inch × 5-inch	...	...	...	...	...	...	...	4
$\frac{1}{2}$ " × 5 "	...	...	...	...	...	...	...	4
$\frac{1}{2}$ " × 4 $\frac{1}{2}$ "	...	...	...	...	...	...	...	4
$\frac{1}{2}$ " × 3 "	...	...	...	...	...	...	...	8
$\frac{1}{2}$ " × 2 "	...	...	...	...	...	...	...	4
7/32 " × 2 "	...	...	...	...	...	...	...	4
3/16 " × 3 $\frac{1}{2}$ "	...	...	...	...	...	...	...	4
3/16 " × 3 "	...	...	...	...	...	...	...	4
3/16 " × 2 $\frac{1}{2}$ "	...	...	...	...	...	...	...	4
3/16 " × 1 $\frac{1}{2}$ "	...	...	...	...	...	...	...	4
3/16 " × 1 "	...	...	...	...	...	...	...	4
5/32 " × 2 "	...	...	...	...	...	...	...	6
5/32 " × 1 $\frac{1}{2}$ "	...	...	...	...	...	...	...	4
$\frac{1}{2}$ " × 2 $\frac{1}{2}$ "	...	...	...	...	...	...	...	2
$\frac{1}{2}$ " × 2 "	...	...	...	...	...	...	...	4
$\frac{1}{2}$ " × 1 $\frac{1}{2}$ "	...	...	...	...	...	...	...	20
$\frac{1}{2}$ " × 1 "	...	...	...	...	...	...	...	6
3/32 " × 1 $\frac{3}{4}$ "	...	...	...	...	...	...	...	4
3/32 " × 1 "	...	...	...	...	...	...	...	4
3/32 " × $\frac{3}{4}$ "	...	...	...	...	...	...	...	4
5/64 " × 1 "	...	...	...	...	...	...	...	4
1/16 " × 1 $\frac{1}{4}$ "	...	...	...	...	...	...	...	4
1/16 " × $\frac{1}{2}$ "	...	...	...	...	...	...	...	4

Screws—

Brass, flat head, $\frac{1}{2}$ -inch, gauge No. 8 ... 8

Iron, flat head—

2 $\frac{1}{4}$ -inch, gauge No. 20 ... 16

2 " " " 20 ... 16

1 $\frac{1}{4}$ " " " 14 ... 161 $\frac{1}{2}$ " " " 10 ... 16

1 " " " 12 ... 16

1 " " " 8 ... 16

 $\frac{1}{2}$ " " " 12 ... 16Staples, lashing with plate, single, $\frac{1}{4}$ -inch × 3-inch... 12

Section No. 14.

Bolts—

Flange axletree, limbers and wagons, Q.F. 13-pr., 18-pr. and 4·5-inch
howitzer ... 8 $\frac{1}{2}$ -inch tire, $\frac{3}{8}$ -inch thread × 4 $\frac{1}{4}$ -inch ... 2Nave, bosshead, square, bevelled, $\frac{1}{2}$ -inch × 3 $\frac{1}{2}$ -inch ... 8

Tyre, No. 45 wheel ... 1

With nuts, cheese-head, securing shield, Q.F. 13 and 18-pr. ... 8

Iron, pieces, angle, 2-feet 8-inch × 2-inch × 2-inch × $\frac{1}{4}$ -inch ... 1

Locks, box, limbers and wagons—

No. 6 ... 2

" 7 ... 1

(a) To be shortened locally as required.

Materials, Repairing Carriages, &c.—continued

Table 27—continued.

 War.
 "A"
 Echelon.
Section No. 14—continued.

Screws , lubricating hole, cheese-head, $\frac{1}{2}$ -inch $\times$ $\frac{5}{8}$ -inch (with leather washer)...	...	...	...	...	...	...	...	...	8
Straps , securing—									
1-inch $\times$ 22-inch	...	...	...	...	...	...	...	...	3
1 " $\times$ 18 "	...	...	...	...	...	...	...	...	3
1 " $\times$ 13 "	...	...	...	...	...	...	...	...	3
$\frac{3}{4}$ " $\times$ 13 "	...	...	...	...	...	...	...	...	3
Slats , footboard, Q.F. 4·5-inch howitzer	...	...	...	...	...	...	...	...	1
Steel , pieces—									
Bolt, 2-feet 8-inch $\times$ 1-inch	...	...	...	...	...	...	...	...	1
" 2-feet 8-inch $\times$ $\frac{3}{4}$ -inch	...	...	...	...	...	...	...	...	1
" 2-feet 8-inch $\times$ $\frac{1}{2}$ -inch	...	...	...	...	...	...	...	...	1
Flat, 2-feet 8-inch $\times$ 3-inch $\times$ $\frac{1}{4}$ -inch	...	...	...	...	...	...	...	...	1
" 2-feet 8-inch $\times$ 2-inch $\times$ $\frac{1}{2}$ -inch	...	...	...	...	...	...	...	...	1
Plate, 1-foot 2-inch $\times$ $\frac{1}{4}$ -inch $\times$ 8 $\frac{1}{4}$ -inch	...	...	...	...	...	...	...	...	1
" 1-foot 2-inch $\times$ $\frac{1}{4}$ -inch $\times$ 6-inch	...	...	...	...	...	...	...	...	1
Tyre, 12-inch $\times$ 3-inch $\times$ $\frac{5}{8}$ -inch curved	...	...	...	...	...	...	...	...	1

Section No. 15—A.

Screw, lubricating, boss-head, $\frac{3}{8}$ -inch $\times$ $\frac{1}{2}$ -inch	...	...	...	...	...	1
---	-----	-----	-----	-----	-----	---

Section No. 21—A.

Rings , leather, dust excluder, 2nd class axletree	...	...	...	...	...	4
---	-----	-----	-----	-----	-----	---

Stores for Use with Sick Horses*(Referred to in Part I, Equipment Regulations.)*

One "Wallet, veterinary," and one "Chest, veterinary Unit, 25-lb.," will, on mobilization, be supplied by the Army Veterinary Service.

4. HEADQUARTERS DIVISIONAL AMMUNITION COLUMN

Arms

TABLE 28.	General Proportions.
<i>Weedon Section—A.</i>	
Rifles, short, M.L.E.	6 for each headquarters.
Bottles, oil	1 for each rifle.
Pullthroughs, .303-inch arms—	
B	1 for each rifle.
Gauze, wire pieces	1 for each rifle.
Protectors, muzzle, No. 3	1 for each rifle.
<i>Weedon Section—B.</i>	
Pistols, revolver, .455-inch Webley (a) ...	2 for each headquarters.
Rods, cleaning, pistol, Webley, No. 2. ...	1 for each pistol.

(a) 1 for B.Q.M.S. is stored, 1 is brought by W.O. Class I who joins the unit on mobilization.

TABLE 29.

Accoutrements

As detailed for Field Ammunition Column, Table 20, page 93. (The Warrant Officer, Class I, joins the unit on mobilization fully equipped.)

TABLE 30.

Harness and Saddlery

As detailed for Field Ammunition Column, Table 21, page 94.

Harness and Saddlery—Miscellaneous Articles and Stable Necessaries

TABLE 31.	General proportions.
<i>Section No. 5—A.</i>	
Bags, nose, pattern 1916—	
Large	} 1 for each heavy draught horse. 1 for each horse (except heavy draught).
Small	
Brushes—	
Harness, hard	} 1 for each double set of harness.
Horse	
Rubbers, horse	} 1 for each horse.

Transport

FOR COMPONENTS, ACCESSORIES, SPARE PARTS, WAGON AND CART EQUIPMENT OF VEHICLES, *see* PART I, EQUIPMENT REGULATIONS.

TABLE 32.					War, for each head- quarters, &c.	Remarks.
<i>Section No. 14.</i>						
Wagons, limbered, A or S—*						* For detail of components, <i>see</i> Appendix II.
Fore	...	...	...	...	1	
Wind	...	...	...	...	1	
<i>Section No. 21—A.</i>						
Carts—						For medical equipment.
Maltese	...	...	...	...	1	
Officers' Mess	...	...	...	...	1	
Covers, short rifle	...	...	...	...	4	
<i>Section C.—2.</i>						
Bicycles	...	...	...	...	3	

Camp Equipment

TABLE 33.					General proportions.	
<i>Section No. 2—A.</i>						
Appliances, for the conveyance and storage of water, special services—						
Troughs, waterproof, 600-galls.	...	...	...	...	2 for each headquarters.	
Bags, picketing gear	...	...	...	...	1 for each headquarters.	
Boxes, stationery, field, small (a)	...	...	...	...	2 for each headquarters.	
Buckets, water, G.S., canvas...	...	...	...	...	11 for each headquarters.	
Helves, maul, 34½-inch	...	...	...	...	2 for each headquarters.	
Kettles, camp, oval, 12-quarts	...	...	...	...	4 for each headquarters.	

(a) *See* footnote (a), page 105.

Camp Equipment—continued

Table 33—continued.

General proportions.

Section No. 2—A—continued.

Mallets , heel peg	2 for each headquarters.
Mauls , G.S. heads	1 for each headquarters.
Nets , hay	1 for each horse.
Pads , surcingle	1 for each horse.
Pegs , picketing, with rope loop	1 for each heel rope.
Ropes—	
Head, hemp with ring	1 for each horse.
Heel	25 per cent. of establishment of horses.
Picketing, 66-feet	1 for each headquarters.
Picketing, 4-feet 9-inch	2 for each headquarters.
Rugs , horse (a)... ..	1 for each horse.
Sheets , ground	1 for each W.O., N.C.O. and man.

Section No. 2—B.

Axes , pick—	
Heads, 4½-lbs.	8 for each headquarters.
Helves, 36-inch, ferruled	8 for each headquarters.

Section No. 11—B.

Lamps , hurricane	4 for each headquarters.
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Section No. 13—A.

Blankets , G.S. (a)	1 for each W.O., N.C.O. and man.
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SPECIAL FOR HEAVY TRANSPORT HORSES.

Section No. 2—A.

Helves , maul, 34½-inch	1 for every 8 horses or less, and 25 per cent. spare.
Mauls , G.S., heads	1 for every 8 horses or less.
Posts , picket, 2½-feet, with rope loop	1 for each horse, 1 for each heel rope, and 25 per cent. spare.
Ropes , heel, large	25 per cent.

Section No. 29—E.

Hose , prepared canvas—	
1½-inch×12-feet ... (spare) lengths	4 for each headquarters.
2-inch×30-feet ... (spare) lengths	2 for each headquarters.
Pumps , lift and force (Mark V)	2 for each headquarters.

(a) Not stored with mobilization equipment. Provided by R.A.O.C. on mobilization from reserves held in the command, if specially ordered.

Implements, Butchers'.

The undermentioned stores will not be regarded as vehicle equipment of the "Officers' Mess Cart," or "Kitchens, Travelling," but will be allowed according to the strength of the unit as detailed below.

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Gen. No.
2020

Articles.	For every—			
	200 to 300 men.	100 to 200 men.	50 to 100 men.	25 to 50 men.
<i>Section No. 12.</i>				
Balances, spring—				
100 lbs.	1	...	...	...
30 lbs. (a)	...	...	...	1
Bowls, hand	2	2	1	1
Cleavers, 2-feet 1-inch (b)	1	1	...	...
Forks, flesh	1	1	1	1
Implements, butchers'—				
Balances, spring, 4-lbs.	2	1	1	...
Choppers, meat	2	1	1	1
Hooks, dressing, 9-inch	12	6	6	...
Knives, cutting	3	2	1	1
Knives, flaying, large	2	1	1	1
Saws, tenon, 14-inch	2	1	1	1
Sheets, ground (U)	2	1	1	1
Steels	2	1	1	1
Steelyards, 56-lbs.	2	1	1	...
Knives, cooks'—				
12-inch	2	1	1	...
9-inch (c)	3	2	1	1
6 " (c)	3	2	1	1
Knives, opening tins	6	4	3	2
Ladles, cooks', F.A.	2	1	1	1
Machines, mincing, tinned iron—				
Large	1	1	...	...
Small	...	...	1	1
Saws, butchers', bow, 20-inch	1	1	1	...
<i>Section No. 21—A.</i>				
Holdalls, implements, butchers'	1	1	1	1

(a) 100-lbs. till the 30-lbs. are available.

(b) Implements, butchers', choppers, meat, till available.

(c) Implements, butchers', knives, cutting, till available.

Ordnance and General Stores

TABLE 35.	General proportions.
<i>Section No. 6.</i> Cogs, screw, frost, chisel head (c)— $\frac{3}{8}$-inch lbs. $4\frac{1}{2}$ for each headquarters. Shoes, horse (a) (b) Taps, frost cogs (c)— $\frac{3}{8}$-inch Wrenches, frost cogs (c)	
<i>Section No. 7.</i> Brushes— Hair, flat, 1-inch 2 for each headquarters. Hair, flat, $\frac{1}{2}$-inch 2 for each headquarters. Cutters, wire, folding 2 for each headquarters.	
<i>Section No. 8—D.</i> Protractors, semicircular, celluloid, 8-inch special, Mark III 1 for each headquarters.	
<i>Section No. 13—C.</i> Stretchers, ambulance Bars, suspension } 3 for each headquarters.	
<i>Section No. 27.</i> Cartridges, small-arm ball— .303-inch, cordite, charges packed... .. 50 rounds per bandolier. Revolver, .455-inch 18 rounds per pistol, including officers.	

(a) 3 sets carried in a valise on each limbered wagon ; the remainder, 40 per cent. of the establishment of horses, as convenient.

(b) Allowance for horses joining on mobilization, *see* Part I, Equipment Regulations.

(c) Not stored, will be issued from Central Ordnance Depots on mobilization, if specially ordered.

5.—DIVISIONAL AMMUNITION COLUMN

Arms

TABLE 36.	General proportions.
<i>Weedon Section—A.</i>	
Rifles, short, M.L.E.	1 for each N.C.O. mounted (except artificers) and 2 for each limbered wagon.
Bottles, oil	1 for each rifle.
Pullthroughs, .303-inch, arms Mark IV—	
B	1 for each rifle.
Gauze, wire pieces	1 for each rifle.
Protectors, muzzle, No. 3	1 for each rifle.
<i>Weedon Section—B.</i>	
Pistol, revolver, .455-inch	1 for each B.S.M., B.Q.M.S. and senior farrier of each section.
Rods, cleaning, pistol, Webley, No. 2	1 for each pistol.

TABLE 37.

Accoutrements

As detailed for Field Ammunition Column, Table 20, page 93.

TABLE 38.

Harness and Saddlery

As detailed for Field Ammunition Column, Table 21, page 94.

Harness and Saddlery—Miscellaneous Articles and Stable Necessaries

TABLE 39.	General proportions.
<i>Section No. 5—A.</i>	
Bags, nose, pattern 1916—	
Small	1 for each horse, except heavy draught.
Large	1 for each heavy draught horse.
Brushes—	
Harness, hard	1 for each double set of harness.
Horse	1 for each horse.
Rubbers, horse... ..	1 for each horse.

HARNESS AND SADDLERY, &c.

Materials for Preservation and Repair of Harness and Saddlery, including Saddletrees, are given in Part I, Equipment Regulations.

Carriages, &c.

FOR COMPONENTS, ACCESSORIES, SPARE PARTS, WAGON AND CART EQUIPMENT OF VEHICLES, *see* PART I, EQUIPMENT REGULATIONS.

TABLE 40.

TABLE 40.	War Equipment.			
	" A " Echelon.		" B " Echelon.	Total for each Column.
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		
CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO II, AND 4-5-INCH HOWITZER.				
Section No. 14.				
Adapters—				
Pump pipe, Q.F. 18-pr., Marks 1* to II field carriages	3	...	3	12
No. 2 pump, liquid, portable, No. 1 ...	3	...	3	12
Apparatus, illuminating, aiming points, sets	4	...	4	16
Bars, supporting draught pole, No. 3 ...	2	...	2	8
Blocks, brake, field and transport ...	12	...	12	48
Box, charging pumps	3	...	3	12
Cans, lubricating, No. 3	16	...	...	48
Caps, dust, 2nd class, " C " capped wheels, No. 1	1 (a)	...	1	2
Carriages, field, Q.F. 18-pr., Marks I* to II—				
Gear, firing—				
Springs	2	...	2	8
Carriages, field, Q.F. 13 and 18-pr., Marks I to II—				
Gear, brake—				
Nuts, actuating screw	1	...	1	4
Gear, range—				
Springs, spiral	2	...	2	8
Pins—				
Axletree—				
Centre	1	...	1	4
Side	2	...	2	8
Capsquare	1	...	1	4

(a) 1 for each "A" Echelon.

Carriages, &c.—*continued*¹Table 40—*continued*.

Table 40—continued.

	War Equipment.			
	" A " Echelon.		" B " Echelon.	Total for each Column.
	1st. 2nd and 3rd Section. — For each Section.	4th Section.		

CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO II, AND 4·5-INCH HOWITZER—contd.

Section No. 14—continued.				
Carriages, field, Q.F. 13 and 18-pr., Marks I to II—continued—				
Trail—				
Clips, securing traversing lever ...	3	...	3	12
Carriages, field, Q.F. 13 and 18-pr., Marks I to II and 4·5-inch howitzer—				
Gear, brake—				
Eccentrics	1	...	1	4
Carriages, field, Q.F. 13 and 18-pr., Marks I to IV, and 4·5-inch howitzer—				
Lever, traversing—				
Spring, plunger	6	...	6	24
Carriage, field, Q.F. 4·5-inch howitzer—				
Bracket, supporting sights	1	...	1	4
Buffer, hydraulic—				
Carriers, retarding valve, piston ...	1 (a)	...	1	2
Collars, dividing valves, piston ...	1 (a)	...	1	2
Glands, piston rod	1	...	1	4
Rings, packing, " U " section ...	1	...	1	4
Rings, securing leather packing ...	1 (a)	...	1	2
Rings, supporting packing—				
Inner	1	...	1	4
Outer	1	...	1	4
Valves—				
Recoil, piston	1 (a)	...	1	2
Retarding, piston	1 (a)	...	1	2
Rotating, piston	1 (a)	...	1	2
Washers, packing (4 to a set) ... sets	1	...	1	4
Cam, actuating recoil valve	1	...	1	4
Cradle—				
Bush, rear cap	1	...	1	4
Plates, parting running-out springs—				
Thick	1	...	1	4
Thin	1	...	1	4
Rollers, recoil valve, actuating bar ...	1	...	1	4

(a) 1 for each " A " Echelon.

(B 28/360)q

E

Carriages, &c.—continued

Table 40—continued.

Table 40—continued.	War Equipment.		Total for each Column.	
	“ A ” Echelon.			“ B ” Echelon.
	1st, 2nd and 3rd Section. — For each Section.	4th. Section.		
CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO II, AND 4·5-INCH HOWITZER— <i>contd.</i>				
Section No. 14—continued.				
Carriage, field, Q.F. 4·5-inch howitzer— <i>continued.</i>				
Gear, brake—				
Nuts, actuating screw	2	...	2	
Gear, clamping cradle—				
Pawls	1 (a)	...	1	
Spring, pawl	1	...	1	
Gear, quick loading—				
Spring, plunger	1	...	1	
Lever, traversing	1	...	1	
Saddle—				
Pin, capsquare	1	...	1	
Spring, capsquare pin	1	...	1	
Shield—				
Spring, shutter	1	...	1	
Spring, sight supporting bracket ...	1	...	1	
Trail—				
Clip, securing traversing lever—				
Spring, plunger	1	...	1	
Carriage, field, Q.F. 4·5-inch howitzer and 3-inch 20-cwt. H.A.—				
Springs, running-out—				
Wound left	1	...	1	
Wound right	1	...	1	
Carrier, No. 7 dial sight, No. 2, Marks I, and I*—				
Washers, spring	1	...	1	
Case, No. 3 lubricating can... ..	16	...	...	
Case, field clinometer, No. 1	1 (a)	...	1	
Catches, limber hooks, No. 2	1	...	1	
Cover, apparatus illuminating aiming point	4	...	4	
Funnels, filling cylinder, No. 2	1 (a)	...	1	
Handles—				
Catch, No. 29, Mark II limber hooks and No. 1 perch hook	1 (a)	...	1	
Driving Nos. 2 and 5 two-stage horizon- tal air pump	3	...	3	

(a) 1 for each “ A ” Echelon.

Carriages, &c.—continued

Table 40—continued.

Table 40—continued.	War Equipment.			Total for each Column.
	“ A ” Echelon.		“ B ” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		
CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO II, AND 4·5-INCH HOWITZER—contd.				
Section No. 14—continued.				
Hose, Nos. 2 and 5 horizontal air pump ...	3	...	3	12
Keys—				
Split, flat, 1-inch × 4-inches	1	...	1	4
Spring lock	2	...	2	8
Limbers—				
Q.F. 18-pr. wagon	6	...	...	18
Q.F. 4·5-inch howitzer	2	...	...	6
Nut, actuating screw, brake gear, wagon ammunition, Q.F. 4·5-inch howitzer ...	3	...	3	12
Pins, draught, No. 3	1	...	1	4
Plugs, filling hole, hydraulic buffer, No. 16	1	...	1	4
Pockets, key, fuze, wagons ammunition and limbers	4	...	...	12
Poles, draught, No. 18	4	...	...	12
Pumps—				
Air, two-stage, horizontal, No. 2 ...	3	...	3	12
Liquid, portable, No. 2	3	...	3	12
Rings, compressed packing—				
No. 2	1	...	1	4
„ 2, supplementary	1	...	1	4
Screws, lubricating hole, bosshead, 5/16- inch × 1/4-inch	8	...	8	32
Sights—				
Bar, carriage, field, Q.F. 4·5-inch howitzer	1 (a)	...	1	2
Fore, bar sight, Q.F. 4·5-inch howitzer ..	1 (b)	...	1	4
Roeking, bar, Q.F. 18-pr., Marks I* to II field carriages	1	...	1	4
Spanners—				
No. 93	1	...	1	4
„ 244	1	...	1	4
„ 267	1	...	1	4
„ 284	1	...	1	4
„ 285	1	...	1	4
„ 288	1	...	1	4

(a) 1 for each " A " Echelon.

(b) Not stored, handed over by batteries on mobilization.

(B 28/360)Q

E 2

Carriages, &c.—*continued*Table 40.—*continued.*

Table 40—continued.	War Equipment.			Total for each Column.
	“ A ” Echelon.		“ B ” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		

CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO II, AND 4.5-INCH HOWITZER—*contd.**Section No. 14—continued.***Spanners, hydraulic buffer—**

No. 145	...	...	1	...	1	4
„ 146	...	...	1	...	1	4
„ 147	...	...	1	...	1	4
„ 122	...	...	1	...	1	4
„ 123	...	...	1	...	1	4
„ 169	...	...	1	...	1	4
„ 170	...	...	1	...	1	4
„ 171	...	...	1	...	1	4
„ 172	...	...	1	...	1	4
„ 173	...	...	1	...	1	4
„ 174	...	...	1	...	1	4
„ 176	...	...	1	...	1	4

Spanners, Nos. 2, 3 and 5 horizontal air pumps—

Large	...	...	3	...	3	12
Small	...	...	3	...	3	12

Spindles, catch limber hook, No. 2

...	...	...	1	...	1	4
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Springs—

Catch limber and perch hook	...	...	8	...	8	32
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Disc—

No. 62	...	...	8	...	8	32
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No. 72	...	...	3	...	3	12
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Draught hook, Q.F. 4.5-inch howitzer	...	...	3	...	3	12
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Limber hook, Q.F. 4.5-inch howitzer	...	...	1 (a)	...	1	2
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Spiral, automatic clamp, bar sight, Q.F. 4.5-inch howitzer	...	...	1	...	1	4
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Straps, securing—

1-inch × 72-inches	...	...	8	...	...	24
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1 „ × 54 „	...	...	12	...	...	36
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1 „ × 54 „ D.L.	...	...	2	...	...	6
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1 „ × 48 „	...	...	64	...	...	192
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1 „ × 44 „	...	...	20	...	...	60
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1 „ × 36 „	...	...	44	...	...	132
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(a) 1 for each “ A ” Echelon.

Carriages, &c.—*continued*

Table 40— <i>continued.</i>	War Equipment.			Total for each Column.
	“ A ” Echelon.		“ B ” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		

CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO II, AND 4·5-INCH HOWITZER—*contd.*Section No. 14—*continued*.Straps, securing—*continued*.

1-inch × 36-inches D.L.	8	...	...	24
1 " × 30 "	112	...	...	336
1 " × 26 "	26	...	...	78
1 " × 22 "	62	...	...	186
1 " × 13 "	12	...	...	36
1 " × 10 "	32	...	...	96
1 " × 10 " double, with 2 loops ...	8	...	...	24
$\frac{3}{4}$ " × 18 "	12	...	...	36
$\frac{3}{4}$ " × 13 "	4	...	...	12
Tommy, No. 40	1	...	1	4
Tool, withdrawing rings supporting pack- ing, field carriages	1	...	1	4
Trays, ammunition, limbers and wagons, Q.F. 4·5-inch howitzer	48	...	...	144
Trays, box ammunition, Q.F. 18-pr., Mark II—				
Wagon limber	6	...	...	18
Wagon	6	...	...	18
Wagons, ammunition—				
Q.F. 18-pr.	6	...	...	18
Q.F. 4·5-inch howitzer	2	...	...	6
Wagons, limbered, A or S—				
Fore	11	19	...	52
Hind	11	19	...	52
Wheels, 2nd class, “C,” No. 45	4	...	4	16
CARRIAGES, FIELD, Q.F. 18-PR. MARKS III to V, AND 4·5-INCH HOWITZER.				
Adapters—				
No. 2, pump, liquid, portable, No. 2 ...	3	...	3	12
Pump pipe, Q.F. 18-pr., Marks III to V, field carriages	3	...	3	12
Washers, adapter, 1 $\frac{2}{10}$ -inch diam. ...	12	...	12	48
Apparatus, illuminating, aiming points sets	4	...	4	16

Carriages, &c.—continued

Table 40—continued.

Table 40—continued.	War Equipment.			Total for each Column.
	“ A ” Echelon.		“ B ” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		

CARRIAGES, FIELD, Q.F. 18-PR., MARKS III^T TO V, AND 4 5-INCH HOWITZER—*contd.*

<i>Section No. 14—continued.</i>				
Bars, supporting draught pole, No. 3 ...	2	...	2	8
Blocks, brake, field and transport ...	12	...	12	48
Boxes—				
Charging pumps	3	...	3	12
Packing rings, No. 1	2	...	2	8
Cans, lubricating, No. 3	16	...	...	48
Caps, dust, 2nd class, “ C,” capped wheels—				
No. 1	1 (a)	...	1	2
No. 4	1 (a)	...	1	2
Carriages, field, Q.F. 18-pr., Marks III ^T and IV—				
Gear, brake—				
Eccentrics	1	...	1	4
Nuts, actuating screw	6	...	6	24
Gear, elevating				
Worms	3	...	3	12
Trail—				
Springs, clip, traversing lever	12	...	12	48
Carriages, field, Q.F. 18-pr., Marks III to V—				
Gear, cut-off—				
Pins, lever	3	...	3	12
Gear, firing—				
Springs	12	...	12	48
Gear, range—				
Blade, yard scale reader, M.V. corrector, indicator, 9-inch dial	6	...	6	24
Nuts, adjusting screw, M.V. corrector, indicator, 9-inch dial	6	...	6	24
Springs, plunger, dial carrier, indicator, 9-inch dial	6	...	6	24
Worms	3	...	3	12
Pads, beating face	6	...	6	24
Pins, hinge, capsquare, “ A ”	6	...	6	24
Springs, slider, recoil indicator	3	...	3	12

(a) 1 for each “ A ” Echelon.

Carriages, &c.—*continued*Table 40—*continued*.

Table 40—continued.	War Equipment.			Total for each Column.
	“ A ” Echelon.		“ B ” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		
CARRIAGES, FIELD, Q.F. 18-PR., MARKS III TO V, AND 4.5-INCH HOWITZER—contd.				
Section No. 14—continued.				
Carriages, field, Q.F. 18-pr., Marks IV and V—				
Pins, hinge, capsquare, “ B ”	3	...	3	12
Carriages, field, Q.F. 18-pr., Mark V—				
Gear, brake—				
Bands	3	...	3	12
Nuts, actuating—				
R.H. thread	3	...	3	12
L.H. thread	3	...	3	12
Gear, elevating—				
Worms	3	...	3	12
Gear, traversing—				
Worms	3	...	3	12
Trails, Marks I and II—				
Catch, locking, trail legs	3	...	3	12
Liners, left trail leg, trail eye bracket, locking catch	3	...	3	12
Pins, locking, left leg, trail eye bracket	3	...	3	12
Plates, locking, ball bracket, large ball gland	6	...	6	24
Plates, locking, ball bracket, small ball gland	6	...	6	24
Springs, trail legs, locking catch ...	3	...	3	12
Springs, toothed spade catch	6	...	6	24
Trail, Mark I—				
Pawls, toothed spade catch	6	...	6	24
Trail, Mark II—				
Pawls, toothed spade catch	6	...	6	24
Carriages, field, Q.F. 13-pr., 18-pr., Marks I to IV, and 4.5-inch howitzer—				
Lever, traversing—				
Spring, plunger	6	...	6	24
Carriages, field, Q.F. 13-pr. and 18-pr., Marks I to IV—				
Plungers, traversing lever	3	...	3	12
Carriages, field, Q.F. 4.5-inch howitzer—				
Brackets, supporting sights	1	...	1	4
Buffer, hydraulic—				
Carriers, retarding valve, piston ...	1 (a)	...	1	2
Collars, dividing valves, piston ...	1 (a)	...	1	2

(a) 1 for each “ A ” Echelon.

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E 4

Carriages, &c.—*continued*Table 40—*continued*.

Table 40—continued.	War Equipment.			Total for each Column.
	“ A ” Echelon.		“ B ” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		

CARRIAGES, FIELD, Q.F. 18-PR., MARKS III to V, AND 4.5-INCH HOWITZER—*contd.*

<i>Section No. 14—continued.</i>				
Carriages, field, Q.F. 4.5-inch howitzer—<i>contd.</i>				
Glands, piston rod	1	...	1	4
Rings—				
Packing, “ U ” section	1	...	1	4
Securing leather packing	1 (a)	...	1	2
Supporting packing—				
Inner	1	...	1	4
Outer	1	...	1	4
Valves—				
Recoil, piston	1 (a)	...	1	2
Retarding, piston	1 (a)	...	1	2
Rotating, piston	1 (a)	...	1	2
Washers, packing (4 to a set) ... sets	1	...	1	4
Cams, actuating recoil valve	1	...	1	4
Cradle—				
Bush, rear cap	1	...	1	4
Plates, parting, running-out springs—				
Thick	1	...	1	4
Thin	1	...	1	4
Rollers, recoil valve, actuating bar ...	1	...	1	4
Gear, brake—				
Nuts, actuating screw	2	...	2	8
Gear, clamping cradle—				
Pawls	1 (a)	...	1	2
Springs, pawl	1	...	1	4
Gear, quick loading—				
Springs, plunger	1	...	1	4
Lever, traversing... ..	1	...	1	4
Saddle—				
Pins, capsquare	1	...	1	4
Springs, capsquare pin	1	...	1	4
Shield—				
Springs, shutter	1	...	1	4
Springs-sight-supporting bracket ...	1	...	1	4

(a) 1 for each “ A ” Echelon.

Carriages, &c.—continued

Table 40—continued.

Table 40—continued.	War Equipment.			Total for each Column.
	“ A ” Echelon.		“ B ” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		

CARRIAGES, FIELD, Q.F. 18-PR., MARKS III to V, AND 4·5-INCH HOWITZER—contd.

<i>Section No. 14—continued.</i>				
Carriages, field, Q.F. 4·5-inch howitzer—				
Trail—				
Clip, securing traversing lever—				
Spring, plunger	1	...	1	4
Carriages, field, Q.F. 4·5-inch howitzer and				
3-inch 20-cwt. H.A.—				
Springs, running-out—				
Wound left	1	...	1	4
Wound right	1	...	1	4
Carriers, No. 7 dial sight, Nos. 10 and 11,				
Mark I—				
Washers, spring	1	...	1	4
Cases, field, clinometer, No. 1	1 (a)	...	1	2
Cases, No. 3 lubricating can	16	...	...	48
Catches, limber hook, No. 2	1	...	1	4
Cover, apparatus, illuminating, aiming				
point	4	...	4	16
Eyes, trail, No. 40	3	...	3	12
Funnel, filling cylinder, No. 2	1 (a)	...	1	2
Handles—				
Driving, Nos. 2 and 5 two-stage horizontal				
air pumps	3	...	3	12
Catch, No. 29, Mark II limber hooks and				
No. 1 perch hook	1 (a)	...	1	2
Hose, Nos. 2 and 5 horizontal air pumps ...	3	...	3	12
Keys—				
Adjusting valves, field carriages	6	...	6	24
Split, flat, 1-inch × 4-inches	1	...	1	4
Spring lock	2	...	2	8
Limbers—				
Q.F. 18-pr., wagons	6	...	...	18
Q.F. 4·5-inch howitzer	2	...	...	6
Nuts, actuating screw, brake gear, wagon				
ammunition, Q.F. 4·5-inch howitzer ...	2	...	2	8
Pins, draught, No. 3	1	...	1	4

(a) 1 for each “ A ” Echelon.

Carriages, &c.—continued

Table 40—continued.	War Equipment.			Total for each Column.
	“ A ” Echelon.		“ B ” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section,		

CARRIAGES, FIELD, Q.F. 18-PR., MARKS III TO V, AND 4.5-INCH HOWITZER—contd.

Section No. 14—continued.				
Plugs , filling hole, hydraulic buffer, No. 16	1	...	1	4
Pockets , key, fuze, wagons, ammunition and limbers	4	...	4	16
Poles , draught, No. 18	4	...	...	12
Pumps —				
Air, two-stage, horizontal, No. 5 ...	3	...	3	12
Hand, suction and force, screw-acting, No. 2	3	...	3	12
Liquid, portable, No. 2	3	...	3	12
Rings , compressed packing—				
No. 2	1	...	1	4
No. 2, supplementary	1	...	1	4
Screws , lubricating hole, bosshead, 5/16- inch × 1/4-inch	8	...	8	32
Sights —				
Bar, carriage, field, Q.F. 4.5-inch howitzer	1	...	1	4
Fore, bar sight, Q.F. 4.5-inch howitzer...	1 (a)	...	1	4
Rocking bar, Q.F. 18-pr.—				
Mark IIIr field carriages	1 (b)	...	1	4
Mark IV field carriages	1 (b)	...	1	4
Mark V field carriages	1 (b)	...	1	4
Sights , rocking bar, Q.F. 18-pr., Marks IIIr to V field carriages—				
Bolts, clamping, cross-levelling gear ...	3	...	3	12
Bushes, Part I outer cross-levelling plates	3	...	3	12
Nuts—				
Cross-levelling	3	...	3	12
Securing, cross-levelling plates ...	6	...	6	24
Pins—				
Hinge, cross-levelling nut	3	...	3	12
Hinge, cross-levelling plates	3	...	3	12

(a) Handed over by batteries on mobilization.

(b) Only one spare rocking bar sight will be held if it is suitable for all the guns of the batteries in the brigade to which the section is allotted.

Carriages, &c.—*continued*Table 40—*continued*.

Table 40—continued.	War Equipment.			Total for each Column.
	“ A ” Echelon.		“ B ” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		

CARRIAGES, FIELD, Q.F. 18-PR., MARKS IIIr TO V, AND 4·5-INCH HOWITZER—*contd.*Section No. 14 — *continued*.**Sights**, rocking bar, Q.F. 18-pr. Marks
IIIr and V field carriages—*contd.*

Screws—				
Cross-levelling	3	...	3	12
Fixing, bearing plates, Part I outer cross-levelling plates	12	...	12	48
Sleeves, cross-levelling	3	...	3	12
Wheels, hand, cross-levelling	3	...	3	12
Bracket, open sight—				
Bushes, square	3	...	3	12
Clips, fore-sight cap	3	...	3	12
Handles, clamping screw	3	...	3	12
Heads—				
Milled, deflection screw	3	...	3	12
Plain, deflection screw	3	...	3	12
Plates, clamping—				
Deflection drum	3	...	3	12
Dial sight carrier	3	...	3	12
Plugs, end, cross-level carrier	6	...	6	24
Screws—				
Clamping—				
Dial sight carrier	3	...	3	12
Fore-sight	6	...	6	24
Fixing, deflection drum	24	...	24	96
Springs, deflection nut	6	...	6	24
Sights , rocking bar, Q.F. 18-pr., Marks IIIr and IV field carriages—				
Bushes, parallel motion link	3	...	3	12
Screws, pivot, Part II inner cross-levelling plate and parallel motion link	12	...	12	48
Bracket, open sight—				
Caps, protecting fore-sight	3	...	3	12
Drums, deflection—				
Left	3	...	3	12
Right	3	...	3	12

Carriages, &c.—*continued*

Table 40—continued.	War Equipment.			Total for each Column.
	“A” Echelon.		“B” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		
CARRIAGES, FIELD, Q.F. 18-PR., MARKS IIIr TO V, AND 4.5-INCH HOWITZER—contd.				
Section No. 14—continued.				
Sights, rocking bar, Q.F. 18-pr., Marks IIIr and IV field carriages—continued.				
Bracket, open sight—continued.				
Nuts, deflection—				
Part I	1	...	1	4
Part II... ..	1	...	1	4
Screws—				
Clamping hind sight	6	...	6	24
Traversing deflection	3	...	3	12
Sights—				
Hind	3	...	3	12
Fore	3	...	3	12
Sights, rocking bar, Q.F. 18-pr., Mark V carriages—				
Bracket, open sight—				
Bushes, eccentric	3	...	3	12
Drums, deflection—				
Left	3	...	3	12
Right	3	...	3	12
Nuts—				
Anti-backlash	1	...	1	4
Deflection	1	...	1	4
Screws, traversing deflection	3	...	3	12
Caps, protecting fore-sight	3	...	3	12
Screws, fixing hind-sight	6	...	6	24
Sights—				
Fore	3	...	3	12
Hind	3	...	3	12
Spanners—				
No. 93	1	...	1	4
„ 244	1	...	1	4
„ 267	1	...	1	4
„ 284	1	...	1	4
„ 285	1	...	1	4
„ 288	1	...	1	4
„ 329	1	...	1	4
„ 330	1	...	1	4
„ 331	1	...	1	4

Carriages, &c.—*continued*Table 40—*continued*.

Table 40—continued.	War Equipment.			Total for each Column.
	“ A ” Echelon.		“ B ” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		

CARRIAGES, FIELD, Q.F. 18-PR., MARKS III to V, AND 4.5-INCH HOWITZER—*contd.**Section No. 14—continued.***Spanners—continued.**

No. 332	...	...	...	...	1	...	1	4
„ 333	...	...	...	...	1	...	1	4
„ 334	...	...	...	...	1	...	1	4
„ 335	...	...	...	...	1	...	1	4
„ 377	...	...	...	...	1	...	1	4
„ 378	...	...	...	...	1	...	1	4
„ 381	...	...	...	...	1	...	1	4

Spanners, hydraulic buffer—

No. 145	...	...	...	...	1	...	1	4
„ 146	...	...	...	...	1	...	1	4
„ 147	...	...	...	...	1	...	1	4

Spanners, Nos. 2, 3 and 5 horizontal air pumps—

Large	...	...	...	...	3	...	3	12
Small	...	...	...	...	3	...	3	12

Spindles, catch, limber hook, No. 2	...	...	...	...	1	...	1	4
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Springs—

Catch limber and perch hooks	...	...	...	...	8	...	8	32
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Disc—

No. 62	...	...	...	...	8	...	8	32
„ 72	...	...	...	...	3	...	3	12
Draught hook, Q.F. 4.5-inch howitzer	...	...	...	...	3	...	3	12

Limber hook, Q.F. 4.5-inch howitzer	...	...	...	...	1(a)	...	1	2
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Spiral, automatic clamp, bar sight, Q.F. 4.5-inch howitzer	...	...	...	...	1	...	1	4
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Straps, securing—

1-inch × 72-inches...	...	...	...	...	8	...	...	24
1 „ × 54 „	...	...	...	...	12	...	...	36
1 „ × 54 „ D.L.	...	...	...	...	2	...	...	6
1 „ × 48 „	...	...	...	...	64	...	...	192
1 „ × 44 „	...	...	...	...	20	...	...	60
1 „ × 36 „	...	...	...	...	44	...	...	132
1 „ × 36 „ D.L.	...	...	...	...	8	...	...	24

(a) 1 for each “ A ” Echelon.

Carriages, &c.—*continued*Table 40—*continued*.

Table 40—continued.	War Equipment.			Total for each Column.
	“A” Echelon.		“B” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		

CARRIAGES, FIELD, Q.F. 18-PR., MARKS III^T TO V, AND 4.5-INCH HOWITZER—*contd.*

<i>Section No. 14—continued.</i>				
<i>Straps, securing—continued.</i>				
1 inch × 30-inches	112	...	...	336
1 " × 26 "	26	...	...	78
1 " × 22 "	62	...	...	186
1 " × 13 "	12	...	...	36
1 " × 10 "	32	...	...	96
1 " × 10 " double, with 2 loops ...	8	...	...	24
$\frac{1}{2}$ " × 18 "	12	...	...	36
$\frac{1}{2}$ " × 13 "	4	...	...	12
Tommy, No. 44	1	...	1	4
<i>Tools—</i>				
Removing and inserting floating piston, Q.F. 18-pr.	1	...	1	4
Threading, $\frac{5}{16}$ -inch anti-friction balls ...	1	...	1	4
Withdrawing, rings supporting packing, field carriages	1	...	1	4
Withdrawing neck rings, Q.F. 18-pr., Marks III ^T to V carriages	12	...	12	48
<i>Trays—</i>				
Ammunition, limbers and wagons, Q.F. 4.5-inch howitzer	48	...	...	144
Box ammunition, Q.F. 18-pr., Mark II— Wagon limber	6	...	...	18
Wagon	6	...	...	18
<i>Wagons, ammunition—</i>				
Q.F. 18-pr.	6	...	...	18
Q.F. 4.5-inch howitzer	2	...	...	6
<i>Wagons, limbered, A. or S.—</i>				
Fore	11	20	...	53
Hind... ..	11	20	...	53
<i>Wheels, 2nd class, “C”—</i>				
No. 45	2	...	2	8
„ 49	1	...	1	4

Carriages, &c.—*continued*Table 40—*continued*.

Table 40—continued.	War Equipment.			Total for each Column.
	“ A ” Echelon.		“ B ” Echelon.	
	1st, 2nd and 3rd Section. — For each Section.	4th Section.		

CARRIAGES, FIELD, Q.F. 18-PR., MARKS I* TO V, AND 4.5-INCH HOWITZER.

Section No. 21—A.

Boxes, grease, 3-lb. ...	22	...	...	66
Carts, water tank ...	1	1	...	4
Collars, adjusting, 2nd class “ C ” capped wheels ...	1	...	...	3
Covers, short rifle ...	38	38	...	152
Hooks, limber, No. 41 ...	2	1	...	7
Kitchen, travelling ...	1	1	...	4
Perches, wagons limbered, G.S. and F.A. .	1	1	...	4
Pins, lynch, 2nd class “ C ” capped wheels...	1	...	...	3
Swingletrees, Nos. 11 or 13 ...	8	...	...	24
Washers, drag, 2nd class “ C ” capped wheels ...	1	...	...	3

Section No. 28—B.

Batteries, dry Y (a)...	...	...	...	...
“ ” ” (a) ... (spare)	...	...	...	...

(a) 3 for each apparatus illuminating aiming points, sets.

Camp Equipment

TABLE 41.

TABLE 41.	War Equipment.				Remarks.
	"A" Echelon.			Total for each Column.	
	1st, 2nd or 3rd Sec. — For each Section.	4th Section.	"B" Echelon.		
Section No. 2—A.					
Axes, felling, curved helve ..	8	...	6	30	
Bags, picketing gear ...	10	7	...	37	
Boxes, stationery, field, small					
(a)	2	2	2	10	
Buckets, water, G.S., canvas...	64	14	...	206	
Flags, distinguishing—					
Ammunition column, Mark II	1	1	...	4	
Crossbars	1	1	...	4	
Poles, 16-feet	1	1	...	4	
Helves, maul, 34½-inch ...	2	2	2	10	
Hooks—					
Bill	8	...	...	24	
Reaping, large	8	8	...	32	
Kettles, camp, oval, 12-quarts	1	1	1	5	
Mallets, heel peg	...	...	...	...	2 for each bag, picketing gear.
Mauls, G.S. heads	1	1	1	5	
Nets, hay	...	...	...	...	1 for each horse.
Pads, surcingle	...	...	...	...	1 for each horse.
Pegs, picketing, with rope loop,					
Mark II	50	35	...	185	
Pins, tent, wood, large ...	3	3	...	12	
Ropes—					
Head, hemp, with ring, Mark					
IV	...	...	...	...	1 for each horse.
Heel, Mark IV	37	26	...	137	
Picketing—					
4-feet 9-inch	13	9	...	48	
66-feet	...	...	...	...	1 rope for every 15 horses.
Rugs, horse (b)	...	...	...	...	1 for each horse.
Sheets, ground	...	...	...	...	1 for each W.O., N.C.O. and man.

(a) See footnote "a," page 105.

(b) Not stored with mobilization equipment. Provided by R.A.O.C. on mobilization from reserves held in the command, if specially ordered.

Camp Equipment—continued

Table 41—continued.

Table 41—continued.	War Equipment.					Remarks.
	“ A ” Echelon.			Total for each Column.		
	1st, 2nd or 3rd Sec. — For each Section.	4th Section.	“ B ” Echelon.			
Section No. 2—B.						
Axes, pick—						
Heads, 4½-lbs. ...	20	20	10	90		
Helves, 36-inch, ferruled ...	20	20	10	90		
Crowbars, 5-feet 6-inch ...	1	1	1	5		
Shovels, G.S. ...	16	16	20	84		
Spades ...	16	4	4	56		
Wedges, sawyers ...	3	3	3	15		
Section No. 11.						
Lamps, hurricane ...	12(a)	10(a)	6	52		\$ 24096
Section No. 12.						
Stones, rub, scythe ...	1	1	...	4		
Section No. 13—A.						
Blankets—						
G.S. ...	...	...	...	...		4 for each ammunition wagon and limber Q.F. 18-pdr., 6 for wagon and limber Q.F. 4.5-inch howitzer.
G.S. (b) ...	...	...	...	...		1 for each W.O., N.C.O. and man.
SPECIAL FOR HEAVY TRANSPORT HORSES.						
Helves, maul, 34½-inch ...	...	...	...	...		1 for every 8 horses or less and 25 per cent. spare.
Mauls, G.S., heads, Mark V ...	...	...	...	...		1 for every 8 horses or less.
Posts, picket, 2½-feet, with rope loop ...	...	...	...	...		1 for each horse, 1 for each heel rope, and 25 per cent. spare.
Ropes, heel, large ...	...	...	...	...		25 per cent.

(a) 2 to have globes painted 1 red and 1 green for use as distinguishing lamps.

(b) Not stored with mobilization equipment.

Implements, Butchers'

57
Gen. No.
2020

The undermentioned stores will not be regarded as vehicle equipment of the "Officers' Mess Cart," or "Kitchens, travelling," but will be allowed according to the strength of the unit as detailed below :—

Articles.	For every—			
	200 to 300 men.	100 to 200 men.	50 to 100 men.	25 to 50 men.
<i>Section No. 12.</i>				
Balances, spring—				
100-lbs.	1	...	...	...
30-lbs. (a)	...	...	...	1
Bowls, hand...	2	2	1	1
Cleavers, 2-feet 1-inch (b)	1	1	...	...
Forks, flesh	1	1	1	1
Implements, butchers'—				
Balances, spring, 4-lbs.	2	1	1	...
Choppers, meat	2	1	1	1
Hooks, dressing, 9-inch	12	6	6	...
Knives, cutting	3	2	1	1
Knives, flaying, large	2	1	1	1
Saws, tenon, 14-inch	2	1	1	1
Sheets, ground (U)	2	1	1	1
Steels	2	1	1	1
Steelyards, 56-lbs.	2	1	1	...
Knives, cooks'—				
12-inch	2	1	1	...
9 " (c)	3	2	1	1
6 " (c)	3	2	1	1
Knives, opening tins	6	4	3	2
Ladles, cooks', F.A.	2	1	1	1
Machines, mincing, tinned iron—				
Large	1	1	...	...
Small	...	...	1	1
Saws, butchers', bow, 20-inch	1	1	1	...
<i>Section No. 21—A.</i>				
Holdalls, implements, butchers'	1	1	1	1

(a) 100-lbs. till the 30-lbs. are available.

(b) Implements, butchers', choppers, meat, till available.

(c) Implements, butchers', knives, cutting, till available.

Ordinance and General Stores

TABLE 43

TABLE 43	War Equipment.					Remarks.
	"A" Echelon.			"B" Echelon.	Total for each Column.	
	1st, 2nd, or 3rd Sec. — For each Section.	4th Section.				
Section No. 7.						
Anvils, 40-lbs.	...	...	...	...	...	
Anvils, 5-lb. 10-oz.	1	...	...	...	3	
Bags, tool, wheelers'	1	1	1	...	5	
Brushes, sable, writing, duck, large ...	2	...	2	...	8	
Cases, saw, hand ...	16	...	...	...	48	
Chests, tool, filled, smiths' ...	1	1	...	...	4	
Chisels, ripping (a) ...	1	1	1	...	5	
Cutters, wire, folding ...	12	12	4	...	52	
Forges, field, light ...	1	1	...	...	4	
Grindstones, F.S., 14-inch ...	1	1	...	...	4	
Hammers—						
Claw, 16-oz. ...	3	3	...	...	12	
Riveting—						
24-oz. (a) ...	1	1	1	...	5	
8-oz. ...	1	...	...	...	3	
Smiths', sledge, 10-lbs. ...	1	1	...	...	4	
ons, branding, $\frac{1}{8}$ -inch—						
Figures, 0 to 8 ... sets	1	...	...	...	3	
Letters—						
1 letter (b) ...	1	...	...	...	3	
Nail pullers (a) ...	1	1	1	...	5	
Pliers—						
Flat nose ... pairs	1	...	...	...	3	
Side-cutting, 8-inch ...	1	1	...	...	4	
Punches, pin, $\frac{3}{16}$ -inch ...	1	1	...	...	4	
Rasps, farriers', 16-inch (spare)	2	1	...	...	7	
Saws, hand ...	16	...	...	...	48	
Screwdrivers, G.S.—						
9 inch (a) ...	1	1	1	...	5	
4 " ...	6	...	...	...	18	
Stamps—						
Copper inlaid $\frac{1}{8}$ -inch (c)—						
Figures, 0 to 8 ... sets	2	...	1	...	7	
Letters—						
1 letter (b) ...	1	...	1	...	4	

(a) Tools opening packages ; may be used in peace if required.

(b) As required for regimental initials.

(c) Will be replaced by stamps marking textiles when worn out.

Ordinance and General Stores—continued

Table 43—continued.

Table 43—continued.	War Equipment.				Remarks.
	"A" Echelon.		"B" Echelon.	Total for each Column.	
	1st, 2nd or 3rd Sec. — For each Section.	4th Section			
Section No. 7—continued.					
Stamps—continued.					
Steel for metal, $\frac{1}{8}$ -inch—					
Figures, 0 to 8 ... sets	1	...	1	4	
Letters—					
1 letter (b) ... "	1	...	1	4	
Steel, for metal, $\frac{3}{16}$ -inch (c)—					
Figures, 0 to 8 ... sets	2	...	1	7	
Letters—					
1 letter (b) ... "	1	...	1	4	
$\frac{1}{4}$ -inch figures, 0 to 8, "	2	...	1	7	
$\frac{1}{4}$ -inch letters (b) ... "	1	...	1	4	
Stones, rag	1	1	...	4	
Tools (d)—					
Fitters' or wheelers'—					
No. 1 sets	2	1	1	8	
" 2 "	1	1	1	5	
" 3 "	1	1	1	5	
Forge "	1	1	...	4	
Saddlers'—					
No. 1 "	2	1	...	7	
" 2 "	1	1	...	4	
Shoeing (a)	4	4	...	16	
Tinman's "	1	1	...	4	
Tools, screw-cutting, bolt and nut, R.A., field chest, filled...	1	1	...	4	
Typewriters	1	...	1	4	
Blocks	1	...	1	4	
Type, letter $\frac{1}{4}$ -inch (regimental initials) ...	1	...	1	4	
Valises, tool	9	5	1	33	
Vices, bench, saddletreemakers'	1	1	...	4	

(a) Carried in valises.

(b) As required for regimental initials.

(c) Will be replaced by $\frac{1}{4}$ -inch when worn out.

(d) For details of sets of tools, see pages 24 to 33.

Ordinance and General Stores—continued

Table 43—continued.

Table 43—continued.	War Equipment.				Total for each Column.	Remarks.
	“ A ” Echelon.					
	1st, 2nd or 3rd Sec. — For each Section.	4th Section.	“ B ” Echelon.			
<i>Section H.—2.</i>						
Cordage , hemp, hawser, 3-strand, tarred, $\frac{3}{4}$ -inch fathom	56	56	...	224		
Line , white, 1-lb. skeins, skeins	18	18	...	72		
Lines , Hambro' ...	18	18	...	72		
Twine , packing, small... lbs.	1	1	...	4		
<i>Section No. 9—A.</i>						
Dubbing ... lbs.	30	30	...	120		
Grease , lubricating, for cool climates (a) ...	48	48	...	192		
Ink (b)—						
Marking ... gills	8	...	4	28		
Stamping, woollens ... „	8	...	4	28		
Mineral jelly , red ... lbs.	30	30	...	120		
Oil —						
Mineral (for buffers) pints	48	48	...	192		
Rangoon ... „	24	24	...	96		
<i>Section No. 9—B.</i>						
Boxes , dubbing or mineral jelly, 2 lbs. ...	15	15	...	60		
Cylinders , paint, No. 3 ...	10	10	...	40	For mineral jelly.	
<i>Section No. 6.</i>						
Cogs , screw, frost, chisel head (c)						
$\frac{1}{2}$ -inch ... lbs	6	6	...	24		
$\frac{3}{8}$ -inch ... „	39 $\frac{1}{2}$	27 $\frac{1}{2}$	...	146		

(a) See footnote (a), page 15.

(b) Not to be taken with the unit on mobilization.

(c) Not stored. Will be issued from Central Ordnance Depôts on mobilization if specially ordered.

Ordinance and General Stores—continued

Table 43—continued.	War Equipment.				Total for each Column.	Remarks.
	“ A ” Echelon.			“ B ” Echelon.		
	1st, 2nd or 3rd Sec. For each Section.	4th Section.				
<i>Section No. 6—continued.</i>						
Shoes, horse (a)	...	...	...	...	...	As detailed in War EquipmentTables.
Taps, frost cogs (b)						
$\frac{1}{2}$ -inch	6	6	...	24		
$\frac{3}{8}$ -inch	39	29	...	146		
Valises, horse-shoe, small ...	...	...	...	...	...	1 for each ammuni- tion wagon and limber.
Wrenches, frost cog (b) ...	41	30	...	153		
<i>Section G.—1.</i>						
Padlocks, iron, 2-inch ...	10	6	5	41		Mobilization store boxes.
<i>Section No. 11.</i>						
Brushes, water, carriage ...	...	...	...	...	...	1 for each ammuni- tion wagon and limber.
<i>Section No. 12.</i>						
Balances, spring, 100-lb. ...	1	1	1	5		
Handcuffs, common ... pairs	2	...	...	6		
<i>Section H.—2.</i>						
Tow, jute (c) lbs.	6	6	6	30		
<i>Section No. 13—C.</i>						
Cloths, sponge	40	...	...	120		

(a) Allowance for horses joining on mobilization, see Part I, Equipment Regulations.

(b) Not stored. Will be issued from Central Ordnance Depôts on mobilization if specially ordered.

(c) For packing stores generally.

Ordinance and General Stores—continued

Table 43—continued.

Table 43—continued.				War Equipment.			Total for each Column.	Remarks.
				"A" Echelon.		"B" Echelon.		
				1st, 2nd or 3rd Sec. For each Section.	4th Section.			
Section No. 14.								
Boxes, mobilization stores—								
No.	1...	...	...	2	2	1	9	Wheeler's and forge tools.
„	1 (a)	...	...	1	1	...	4	Spare parts, &c., and materials for repair, &c.
„	2 (a)	...	...	1	1	...	4	Materials, repair harness and saddlery, &c.
„	5 (a)	...	...	1	1	...	4	Mineral jelly, &c.
„	6 (a)	...	...	1	1	...	4	Saddlers' tools.
„	10 (a)	...	...	1	...	1	4	Spare parts, Q.F. 18-pr.
„	13(a)	...	...	1	...	1	4	For spare sights, &c.
„	14 (a)	...	...	1	...	1	4	Spare parts of carriage, Q.F. 4.5-inch howitzer.
Cans, lubricating, No. 9				...	1	...	1	4
Carriers, ammunition—								
Q.F. 13 and 18-pr. ...				...	6	...	6	24
Q.F. 4.5-inch howitzer				...	6	...	6	24
Section No. 15—B.								
Apparatus, illuminating sights—								
No.	2 ...	...	...	6	...	6	24	Q.F. 18-pr., Marks I* to II carriages.
„	3 ...	...	...	2	...	2	8	Q.F. 4.5-inch howitzer.
„	5 ...	...	...	6	...	6	24	Q.F. 18-pr., Marks III* to V carriages.

(a) For list of contents, see pages 145 to 178.

Ordnance and General Stores—continued

Table 43—continued.

Table 43—continued.	War Equipment.				Total for each Column.	Remarks.
	“A” Echelon.			“B” Echelon.		
	1st, 2nd or 3rd Sec. For each Section.	4th Section.				
Section No. 15—B—continued.						
Boxes, field, clinometer	...	...	1	...	1	
Buckets, aiming posts	...	1	1	1	5	
Cases—						
No. 6 director	...	2 (a)	3	2	7	
Nos. 2 or 3 tinted spectacles...	...	...	...	...	4	
Stand—						
Artillery range-finder	...	1 (a)	...	1	2	
No. 6 director	...	2 (a)	3	2	7	
Clinometers—						
Field	...	1 (a)	1	1	3	
Sight	...	1 (a)	3	1	5	
Directors—						
No. 6	...	2 (a)	3	2	7	
Laths, adjusting artillery range-finder	...	1 (a)	...	1	2	
Plotters, field (in case)	...	2	1	2	9	
Posts, aiming—						
Crosshead—						
Circular head (b)	...	2	3	2	11	
Square head (b)	...	2	3	2	11	
With flag	...	2	3	2	11	
Range-finders, artillery, No. 2	...	1 (a)	...	1	2	
Sights, dial, No. 7 (c)	...	4	3	...	15	
Spectacles, tinted—						
No. 2	...	...	...	...	2	
„ 3	...	...	...	...	2	
Springs, clinometer sight	...	1	...	1	4	
Stands—						
No. 6 director	...	2 (a)	3	2	7	
Artillery range-finder	...	1 (a)	...	1	2	
Signalling telescope	...	...	1	...	1	
Telescope, signalling	...	...	1	...	1	

(a) Carried by one section only.

(b) When existing stock of "Posts, aiming" are used up.

(c) Handed over by batteries on mobilization.

Ordnance and General Stores—continued

Table 43—continued.

Table 43—continued.	War Equipment.				Total for each Column.	Remarks
	“ A ” Echelon.					
	1st, 2nd or 3rd Sec. — For each Section.	4th Section.	“ B ” Echelon.			
Section No. 16—A.						
Boxes, grease, 1-lb.	...	2	...	2		
Drifts, No. 3	1(a)	...	1	2		
Rammer and Handspike, Q.F. 3·7-inch howitzer	...	2	...	2		
Lanyards, firing, No. 27	...	4	...	4		
Panniers, sub-section stores, Q.F. 3·7-inch howitzer and B.L. 2·75-inch	...	6	...	6		
Section No. 17—A.						
Gauges, -striker, protrusion, No. 1	1	...	1	4		
Section No. 17—B.						
Boxes, mobilization stores, No. 16 (b)	1	...	1	4	Spare Q.F. 4·5- inch howitzer fit- tings.	
Drifts, No. 12	1	...	1	4		
Q.F. 18-PR. MARKS I to II*.						
FITTINGS (SPARE).						
Ordnance, Q.F. 18-pr., Marks I to II*— Extractor	1	...	1	4		
Ordnance, Q.F. 13-pr., Marks I to II, and 18-pr., Marks I to II— Carrier... ..	1	...	1	4		

(a) Carried by one section only.

(b) For list of contents, see page 178.

Ordnance and General Stores—continued

Table 43—continued.

Table 43—continued.	War Equipment.				Total for each Column.	Remarks.
	“ A ” Echelon.			“ B ” Echelon.		
	1st, 2nd, or 3rd Sec. — For each Section.	4th Section.				
<i>Section No. 17—B—continued.</i>						
Ordnance, Q.F. 13-pr., Marks						
I to III, and 18-pr., Marks						
I to II*—						
Block, guide, striker ...	1	...	1	4		
Bushes, firing hole, Mark II...	2	...	2	8		
Catch, retaining, breech screw	1	...	1	4		
Lever, breech mechanism,						
Mark II	4	...	4	16		
Screw, breech, Mark II ...	1	...	1	4		
Striker... ..	1	...	1	4		
Trigger	1	...	1	4		
Ordnance, Q.F., 13-pr., Marks						
I to III, and 18-pr., Marks						
I to II* and IV—						
Lever, firing	1	...	1	4		
Pins, firing	4	...	4	16		
Springs—						
Main	2	...	2	8		
Safety catch	2	...	2	8		
Trigger	4	...	4	16		
Tripping piece	1	...	1	4		
Q.F. 18-PR., MARK IV.						
FITTINGS (SPARE).						
Ordnance, Q.F. 18-pr., Mark						
IV—						
Block, guide striker	3	...	3	12		
Bushes, firing hole	6	...	6	24		
Carrier... ..	3	...	3	12		
Extractor, upper	3	...	3	12		
„ lower	3	...	3	12		
Lever, breech mechanism ...	6	...	6	24		

Ordnance and General Stores—continued

Table 43—continued.

Table 43—continued.	War Equipment.				Remarks.
	“A” Echelon.			Total for each Column.	
	1st, 2nd or 3rd Sec. — For each Section.	4th Section.	“B” Echelon.		
Section No. 17—B—continued.					
Q.F. 18-PR., MARK IV—contd.					
FITTINGS (SPARE)—continued.					
Ordnance, Q.F. 18-pr., Mark IV—continued.					
Reservoir, oil—					
Window, inspection ...	3	...	3	12	
Plugs, filling ...	6	...	6	24	
Springs, relief valve ...	6	...	6	24	
Valves, relief ...	3	...	3	12	
Washers, packing					
Filling plug ...	12	...	12	48	
Inspection window ...	12	...	12	48	
Relief valve bush, also pipe connections and oil reservoir nipple ...	24	...	24	96	
Union, oil reservoir con- necting pipe ...	12	...	12	48	
Screws, breech ...	3	...	3	12	
Spring catch, retaining B.M. lever ...	12	...	12	48	
Striker... ...	1	...	1	4	
Trigger ...	1	...	1	4	
Ordnance, Q.F. 13-pr., Marks I to III, and 18-pr., Marks I to II* and IV—					
Lever, firing ...	3	...	3	12	
Pins, firing ...	6	...	6	24	
Springs—					
Main ...	12	...	12	48	
Safety catch ...	12	...	12	48	
Trigger ...	24	...	24	96	
Tripping piece ...	6	...	6	24	

Ordnance and General Stores—*continued*

Table 43—continued.	War Equipment.				Total for each Column	Remarks.
	“ A ” Echelon.			“ B ” Echelon.		
	1st, 2nd, or 3rd Sec. — For each Section.	4th Section.				
<i>Section No. 17—B—continued.</i>						
Ordnance, Q.F. 4.5-inch howitzer—						
Blocks, breech	1 (a)	...	1	2		
Bushes, firing hole	1	...	1	4		
Catch, retaining cylinder nut	1 (a)	...	1	2		
Extractors	1 (a)	...	1	2		
Lever—						
Breech mechanism	1	...	1	4		
Firing	1 (a)	...	1	2		
Pins—						
Actuating, firing lever	1 (a)	...	1	2		
Firing	2	...	2	8		
Keep, trigger	1	...	1	4		
Retaining extractor	1 (a)	...	1	2		
Plates, cam, B.M. lever	1 (a)	...	1	2		
Springs—						
Catch, B.M. lever	1	...	1	4		
Main	1	...	1	4		
Catch, retaining cover plate	1	...	1	4		
Catch, retaining cylinder nut	1	...	1	4		
Safety stop	1	...	1	4		
Stop, safety	1 (a)	...	1	2		
Striker... ..	1 (a)	...	1	2		
Trigger	1 (a)	...	1	2		
Wrench, B.M., No. 90... ..	1 (a)	...	1	2		
<i>Section No. 19.</i>						
Boxes, lamp siege, to hold 1	...	2	...	2		
Brushes, breech screw	1	...	1	4		
Candles, lamp, siege	...	...	...	...		R.A.S.C. supply.
Cases, Nos. 8A and 17 cleaners (b)	1	...	1	4		

(a) 1 for each "A" Echelon.

(b) For Q.F. 4.5-inch howitzer.

Ordnance and General Stores—continued

Table 43—continued.

Table 43—continued.	War Equipment.				Total for each Column.	Remarks.
	"A" Echelon.			"B" Echelon.		
	1st, 2nd or 3rd Sec. — For each Section.	4th Section.				
Section No. 19—continued.						
Cleaners, piassaba—						
No. 8A (a)	1	...	1	4		
" 14 (b)	...	2	...	2		
" 18 (c)	1	...	1	4		
Cleaners, wool—						
No. 1 (c)	1	...	1	4		
" 4 (b)	...	2	...	2		
Covers—						
Breech—						
Q.F. 18-pr., No. 2 (d) ...	1	...	1	4		
Q.F. 18-pr., No. 3 (e) ...	1	...	1	4		
Q.F. 4.5-inch howitzer ...	1	...	1	4		
Q.F. 3.7-inch howitzer ...	...	2	...	2		
Chase, Q.F. 3.7-inch howitzer	...	2	...	2		
Canvas, front cap, recuperator case, Q.F. 18-pr., Marks I* to II carriages ...	1	...	1	4		
Mark II adapter pump pipe, Q.F. 18-pr., Marks IIIr to V carriages	3	...	3	12		
Muzzle—						
No. 1 (d)	1	...	1	4		
" 17 (a)	1	...	1	4		
" 23 (e)	1	...	1	4		
Rocking bar sight, Q.F. 18-pr., Marks IIIr to V carriages	1	...	1	4		
Sight bracket and hind sight, Q.F. 4.5-inch howitzer ...	1	...	1	4		
Lamps, siege	...	2	...	2		

(a) For Q.F. 4.5-inch howitzer.

(b) For Q.F. 3.7-inch howitzer.

(c) For Q.F. 18-pr., Marks I* to V

(d) For Q.F. 18-pr., Marks I* to II.

(e) For Q.F. 18-pr., Marks IIIr to V.

Ordnance and General Stores—continued

Table 43—continued.	War Equipment.				Total for each Column.	Remarks.
	“ A ” Echelon.					
	1st, 2nd or 3rd Sec. — For each Section.	4th Section.	“ B ” Echelon.			
<i>Section No. 19—continued.</i>						
Lashings, tarred—						
1½-inch 16-feet	1	...	1	4		
1-inch 20-feet (a)	4	...	...	12		
1-inch 10-feet (a)	8	...	...	24		
Rammers, Q.F. 4·5-inch						
howitzer	1	...	1	4		
Ropes, drag, light—						
G.S. pairs	8	4	...	28		
Tackles, luff, 14-fathoms ...	1	...	1	4		
<i>Section No. 20.</i>						
Handspikes, common, 6-feet	2	...	2	8		
Jacks, lifting, G.S.	1	...	1	4		
<i>Section C—2.</i>						
Bicycles	1	1	...	4		
<i>Section No. 23.</i>						
Boxes, No. 1 percussion primers	10	...	15	45		
Cartridges, Q.F. 18-pr.—						
H.E. (fuzed, Nos. 106 D or 106 E)	252	...	432	1188		
H.E. (fuzed, No. 101 non-delay)	84	...	144	396		
Shrapnel (fuzed No. 80) ...	528	...	864	2448		
Smoke (b)	192	...	...	576		
Cartridges, Q.F. filled, 3·7-inch howitzer	...	1080	...	1080		
Clips, cartridge, No. 4...	1056	...	1440	4608		

(a) For spare wheel.

(b) Not stored. Will be issued at overseas base.

Ordinance and General Stores—continued

Table 43—continued.	War Equipment.				Remarks.
	“ A ” Echelon.			Total for each Column.	
	1st, 2nd or 3rd Sec. — For each Section	4th Section.	“ B ” Echelon.		
<i>Section No. 23—continued.</i>					
Implements, ammunition—					
Keys, No. 27 (primer, 13 and 18-pr.	1	...	1	4	
Key, No. 34 (primer, 3-inch and 3·7-inch)	...	1	...	1	
Primers, percussion, Q.F. cartridges, No. 1	40	...	60	180	
Shell, Q.F. filled, 3·7-inch howitzer—					
H.E.	...	864	...	864	
Smoke (a)	...	216	...	216	
N.I.V.					
Gauges, diameter of body over paint, Q.F. 18-pr. shells ...	1	...	...	3	
<i>Section No. 24.</i>					
Cartridges, Q.F. filled, 4·5-inch howitzer	336	...	1008	2016	
Gauges, shell, Q.F. 4·5-inch howitzer, body	1 (b)	...	1	2	
Implements, ammunition—					
Keys, No. 26 (primer, 4·5-inch and 4-inch)	1	...	1	4	
Shell, Q.F. filled, 4·5-inch howitzer—					
H.E.	256	...	1008	1776	
Smoke (a)	80	...	...	240	
<i>Section No. 26.</i>					
Fuzes, percussion, D.A.—					
No. 101 E, non-delay	64	216	252	660	
No. 106 E (c) ..	272	864	754	2436	

(a) Not stored. Will be issued at overseas base.

(b) 1 for each “A” Echelon.

(c) Includes 456 for 3·7-inch and 4·5-inch howitzer smoke shell.

Ordnance and General Stores—continued

Table 43—continued.

Table 43—continued.	War Equipment.				Total for each Column.	Remarks.
	“ A ” Echelon.			“ B ” Echelon.		
	1st, 2nd or 3rd Sec. — For each Section.	4th Section.				
Section No. 26—continued.						
Implements, ammunition—						
Keys—						
No. 17 (fixing No. 80 type of fuzes)	2	2	2	10		
No. 18 (setting No. 80 type of fuzes and cutting wire of No. 106 fuzes) ...	6	6	6	30		
No. 23 (plugs and D.A. fuzes)	6	6	6	30		
No. 53 (inserting and removing No. 100 type of fuzes)	6	6	6	30		
Section No. 27—A.						
Cartridges, small-arm ball—						
Revolver, .455-inch (a)	...	...	...	...		
.303-inch cordite (charger packed) (b)	5900	4400	3100	25200		
Section No. 28—B.						
Bulbs, 3.5 volt P. (c)...(spare)						
Cells, inert—						
P. Mark I (or Q) (d)	...	...	...	...		
P. Mark I (or Q) (d) (spare)	...	...	...	...		
Q. (c)	...	...	...	...		
Q. (c) ... ..(spare)	...	...	...	...		

(a) 18 rounds per pistol, including officers, and 18 in regimental reserve.

(b) 50 rounds per bandolier and rifles of R.A.V.C. details attached.

(c) 3 for each apparatus, illuminating sight

(d) 3 for each apparatus, illuminating sight No. 2 or No. 3.

Materials, Repairing Carriages, &c.

TABLE 44.

TABLE 44.	War.				
	Head- quarters.	" A " Echelon.		" B " Echelon.	Total for each Column.
		1st, 2nd or 3rd Section. — For each Section.	4th Section.		
<i>Section G2.</i>					
Wire, phosphor bronze, No. 11, S.W.G. feet	...	3	...	3	12
Zinc, alloy, for brazing ... lbs.	...	1	...	...	3
<i>Section No. 9—A.</i>					
Borax lbs.	...	1	1	1	5
Resin, black ozs.	...	6	6	6	30
Sal-ammoniac (in lumps) ..	...	6	6	...	30
Wax, black "	...	6	6	...	24
<i>Section G1.</i>					
Bolts, with nuts, bosshead, square, $\frac{1}{2}$ -inch. $\times$ $3\frac{1}{4}$ -inch ...	...	8	...	8	32
Bolts, without nuts, hexagon head, $\frac{3}{4}$ -inch $\times$ $1\frac{1}{4}$ -inch ...	...	4	...	4	16
Chain—					
Brass, solid link, No. 1...yards	...	1	...	1	4
Brass, solid link, No. 3... ..	...	1	...	1	4
Iron, 1-lb. per yard	...	1	...	1	4
Nails—					
Steel, clout, fine, 1-inch lbs.	...	1	...	1	4
Wire, iron, grooved, 2-inch lbs.	...	1	...	1	4
Wire, iron, grooved, $1\frac{1}{4}$ -inch lbs.	...	1	...	1	4
Pins, keep, split—					
$\frac{5}{16}$ -inch $\times$ 5-inch	...	4	...	4	16
$\frac{1}{2}$ -inch $\times$ 5-inch	...	4	...	4	16
$\frac{1}{2}$ -inch $\times$ $4\frac{1}{4}$ -inch	...	4	...	4	16
$\frac{1}{2}$ -inch $\times$ 3-inch	...	8	...	8	32
$\frac{1}{2}$ -inch $\times$ $2\frac{1}{4}$ -inch	...	...	4	...	4
$\frac{1}{2}$ -inch $\times$ 2-inch	...	4	...	4	16

Materials, Repairing Carriages, &c.—continued

Table 44—continued.

Table 44—continued.	War.				
	Head- quarters.	“ A ” Echelon.		“ B ” Echelon.	Total for each Column.
		1st, 2nd or 3rd Section. — For each Section.	4th Section.		
Section G1—continued.					
Pins, keep, split—continued.					
$7/32$ -inch $\times$ 2-inch	...	4	...	4	16
$3/16$ -inch $\times$ $3\frac{1}{2}$ -inch	...	4	...	4	16
$3/16$ -inch $\times$ 3-inch	...	4	4	4	20
$3/16$ -inch $\times$ $2\frac{1}{2}$ -inch	...	4	4	4	20
$3/16$ -inch $\times$ 2-inch	...	...	4	...	4
$3/16$ -inch $\times$ $1\frac{1}{2}$ -inch	...	4	4	4	20
$3/16$ -inch $\times$ 1-inch	...	4	...	4	16
$5/32$ -inch $\times$ 2-inch	...	6	...	6	24
$5/32$ -inch $\times$ $1\frac{1}{2}$ -inch	...	4	...	4	16
$\frac{1}{2}$ -inch $\times$ $2\frac{1}{2}$ -inch	...	2	...	2	8
$\frac{1}{2}$ -inch $\times$ 2-inch	...	4	8	4	24
$\frac{1}{2}$ -inch $\times$ $1\frac{1}{2}$ -inch	...	20	8	20	88
$\frac{1}{2}$ -inch $\times$ 1-inch	...	6	4	6	28
$3/32$ -inch $\times$ $1\frac{1}{4}$ -inch	...	4	4	4	20
$3/32$ -inch $\times$ $1\frac{1}{8}$ -inch	...	4	8	4	24
$3/32$ -inch $\times$ $\frac{3}{4}$ -inch	...	4	...	4	16
$5/64$ -inch $\times$ 1-inch	...	4	...	4	16
$1/16$ -inch $\times$ $1\frac{1}{4}$ -inch	...	4	8	4	24
$1/16$ -inch $\times$ $\frac{3}{4}$ -inch	...	4	8	4	24
Screws, brass—					
Flathead, $\frac{1}{2}$ -inch gauge, No. 8...	...	8	...	7	31
Screws, iron—					
Flathead—					
$2\frac{1}{2}$ -inch gauge, No. 20	...	16	...	20	68
2-inch gauge, No. 20	...	16	...	20	68
$1\frac{1}{2}$ -inch gauge, No. 14	...	16	...	12	60
$1\frac{1}{4}$ -inch gauge, No. 10	...	16	...	18	66
1-inch gauge, No. 12... ..	...	16	...	20	68
1-inch gauge, No. 8	...	16	...	18	66
$\frac{3}{4}$ -inch gauge, No. 12... ..	...	16	...	15	63
Staples, lashing, with plate					
single, $\frac{1}{2}$ -inch $\times$ 3-inch	...	12	...	12	48
Tacks, copper, No. 473 ... lbs.					
...	...	...	...	2	2
Tacks, steel, cut, No. 197 ..					
...	...	2	...	3	9

Materials, Repairing Carriages, &c.—continued

Table 44—continued.

Table 44—continued.	War.				
	Head- quarters.	“ A ” Echelon.		“ B ” Echelon.	Total for each Column.
		1st, 2nd or 3rd Section. — For each Section.	4th Section.		
Section No. 14.					
Bolts , flange, axletree, limbers and wagons, Q.F. 13-pr., 18-pr. and 4·5-inch howitzer ...	...	8	...	8	32
Bolts , nave, bosshead, square bevelled, $\frac{1}{2}$ -inch $\times$ $3\frac{1}{4}$ -inch ...	...	8	...	8	32
Bolts , $\frac{1}{2}$ -inch tire $\frac{3}{8}$ -inch thread $\times$ $4\frac{1}{4}$ -inch ...	...	2	...	2	8
Bolts , cheese-head securing shield, Q.F. 13 and 18-pr. ...	...	8	...	8	32
Locks , box, limbers and wagons— No. 6 ...	...	2	...	2	8
.. 7 ...	...	1	...	1	4
Screws , lubricating hole, cheese- head, $\frac{1}{2}$ -inch $\times$ $\frac{5}{8}$ -inch ...	...	8	...	8	32
Slats , footboard, Q.F. 4·5-inch howitzer ...	...	1	...	1	4
Steel , pieces— Bolt—					
2-feet 8-inch $\times$ 1-inch ...	...	1	...	1	4
2-feet 8-inch $\times$ $\frac{5}{8}$ -inch ...	...	1	...	1	4
2-feet 8-inch $\times$ $\frac{1}{2}$ -inch ...	...	1	...	1	4
Flat—					
2-feet 8-inch $\times$ 3-inch $\times$ $\frac{1}{4}$ - inch ...	...	1	...	1	4
2-feet 8-inch $\times$ 2-inch $\times$ $\frac{1}{2}$ - inch... ..	...	1	...	1	4
Plate—					
1-foot 2-inch $\times$ $\frac{1}{4}$ -inch $\times$ $8\frac{1}{2}$ - inch ...	...	1	...	1	4
1-foot 2-inch $\times$ $\frac{1}{4}$ -inch $\times$ 6- inch ...	...	1	...	1	4
Tyre, 12-inch $\times$ 3-inch $\times$ $\frac{3}{8}$ - inch (curved) ...	...	1	...	1	4
Straps , securing—					
1-inch $\times$ 30-inch ...	...	1	...	1	4
1 .. $\times$ 26 ..	...	1	...	1	4
1 .. $\times$ 22 ..	...	3	...	3	12

Materials, Repairing Carriages, &c.—continued**Table 44—continued.**

Table 44—continued.	War.					
	Head- quarters.	“ A ” Echelon.		“ B ” Echelon.	Total for each Column.	
		1st, 2nd or 3rd Sections. — For each Section.	4th Section.			
<i>Section No. 14—continued.</i>						
Straps, securing—continued.						
1-inch × 18-inch	...	...	3	...	3	12
1 " × 13 "	...	...	3	...	3	12
$\frac{1}{2}$ " × 13 "	...	...	3	...	3	12
$\frac{1}{4}$ " × 10 "	...	...	3	...	3	12
<i>Section No. 15—A.</i>						
Screws, lubricating hole, boss-head—						
$\frac{3}{8}$ -inch × $\frac{1}{2}$ -inch	...	...	1	...	1	4
<i>Section No. 21—A.</i>						
Rings, dust, excluder, 2nd class axletree						
axletree	...		4	...	4	16

Stores for use with Sick Horses*(Referred to in Part I, Equipment Regulations.)*

One “ Wallet, veterinary,” and one “ Chest, veterinary Unit, 25-lb.,” will, on mobilization, be supplied by the Army Veterinary Service.

6.—CONTENTS OF MOBILIZATION STORE BOXES

BOX, MOBILIZATION STORES, No. 1

Spare Parts, &c., Materials for Repair, and Tinman's Tools

Note.—Tow or other suitable material must be used, where necessary, to ensure good packing.

Articles.	Field Ammu- nition Column, " A " Echelon.	Divisional Ammunition Column.		
		" A " Echelon.		" B " Echelon.
		1st, 2nd or 3rd Section. — For each Section.	4th Section, 3·7-in. How.	
Number of Boxes	1	1	1	1
<i>Section G2.</i>				
Wire, P.B., No. 11 S.W.G.... .. ft.	3	3	1	3
Zinc, alloy lb.	1	1	1	...
<i>Section No. 7.</i>				
Pliers, flat nose pair	1	...	...	...
Rasps, farriers', 16-inch	2	2	2	...
Stones, rag	1	1	1	...
<i>Section No. 9—A.</i>				
Borax... .. lb.	1	1	1	1
Rosin, black oz.	6	6	6	6

BOX, MOBILIZATION STORES, No. 1—*continued*
 Spare Parts, &c., Materials for Repair, and Tinman's Tools—
continued

Articles.	Field Ammu- nition Column, " A " , Echelon.	Divisional Ammunition Column.		
		" A " Echelon.		" B " Echelon.
		1st, 2nd or 3rd Section. — For each Section.	4th Section, 3·7-in. How.	
<i>Section No. 10—A.</i>				
Bolts , with nuts, bosshead, square, $\frac{1}{2}$ -inch × $3\frac{3}{8}$ -inch	8	8	...	8
Bolts , without nuts, hexagon head, $\frac{3}{8}$ -inch × $1\frac{1}{4}$ -inch	4	4	...	4
Chain —				
Brass, solid link—				
No. 1 yd.	1	1	...	1
" 3 "	1	1	...	1
Iron, 1-lb. per yard "	1	1	...	1
Nails —				
Steel, clout flathead, fine, No. 91 lbs.	1	1	...	1
Wire, iron, grooved, 2-inch "	1	1	...	1
Wire, iron, grooved, $1\frac{1}{2}$ -inch "	1	1	...	1
Pins , keep, split—				
$\frac{5}{16}$ -inch × 5-inch	4	4	...	4
$\frac{1}{2}$ -inch × 5-inch	4	4	...	4
$\frac{1}{2}$ -inch × $4\frac{1}{2}$ -inch	4	4	...	4
$\frac{1}{2}$ -inch × 3-inch	8	8	...	8
$\frac{1}{2}$ -inch × $2\frac{1}{2}$ -inch	...	...	4	...
$\frac{1}{2}$ -inch × 2-inch	4	4	...	4
$\frac{7}{32}$ -inch × 2-inch... ..	4	4	...	4
$\frac{3}{16}$ -inch × $3\frac{1}{2}$ -inch	4	4	...	4
$\frac{3}{16}$ -inch × 3-inch... ..	4	4	4	4
$\frac{3}{16}$ -inch × $2\frac{1}{2}$ -inch	4	4	4	4
$\frac{3}{16}$ -inch × 2-inch... ..	...	...	4	...
$\frac{3}{16}$ -inch × $1\frac{1}{2}$ -inch	4	4	4	4
$\frac{3}{16}$ -inch × 1-inch... ..	4	4	...	4
$\frac{5}{32}$ -inch × $1\frac{1}{2}$ -inch	4	4	...	4
$\frac{1}{2}$ -inch × $2\frac{1}{2}$ -inch	2	2	...	2
$\frac{1}{2}$ -inch × 2-inch	4	4	8	4
$\frac{1}{2}$ -inch × $1\frac{1}{2}$ -inch	20	20	8	20
$\frac{1}{2}$ -inch × 1-inch	6	6	4	6
$\frac{3}{32}$ -inch × $1\frac{1}{2}$ -inch	4	4	8	4
$\frac{3}{32}$ -inch × $1\frac{1}{4}$ -inch	4	4	4	4
$\frac{3}{32}$ -inch × $\frac{3}{4}$ -inch... ..	4	4	...	4
$\frac{5}{64}$ -inch × 1-inch... ..	4	4	...	4
$\frac{1}{16}$ -inch × $1\frac{1}{4}$ -inch	4	4	8	4
$\frac{1}{16}$ -inch × $\frac{3}{4}$ -inch... ..	4	4	8	4

BOX, MOBILIZATION STORES, No. 1—*continued*
Spare Parts, &c., Materials for Repair, and Tinnman's Tools—
continued.

Articles.	Field Ammu- nition Column, "A" Echelon.	Divisional Ammunition Column.		
		"A" Echelon.		"B" Echelon.
		1st, 2nd or 3rd Section. — For each Section.	4th Section, 3·7-in. How.	
<i>Section No. 10—A—continued.</i>				
Screws—				
Brass, flat head—				
$\frac{1}{2}$ -inch gauge No. 8	8	8	...	7
Iron, flat head—				
2 $\frac{1}{2}$ -inch, gauge No. 20	16	16	...	20
2-inch, gauge No. 20	16	16	...	20
1 $\frac{1}{2}$ -inch, gauge No. 14	16	16	...	12
1 $\frac{1}{4}$ -inch, gauge No. 10	16	16	...	18
1-inch, gauge No. 12	16	16	...	20
1-inch, gauge No. 8	16	16	...	18
$\frac{3}{4}$ -inch, gauge No. 12	16	16	...	15
Tacks—				
Copper, No. 473 lbs.	...	...	...	2
Steel, cut, No. 197 lb.	2	2	...	3
Staples, lashing with plate, single, $\frac{1}{4}$-inch				
× 3-inches	12	10	...	2
<i>Section No. 12.</i>				
Stones, rub, scythe	1	1	1	...
<i>Section No. 14.</i>				
Bolts, flange axletree, limbers and wagons, Q.F. 13- and 18-pr. and 4·5-inch howitzer	8	8	8	8
Bolts, with nuts, cheesehead, securing shield, Q.F. 13 and 18-pr.	8	8	...	...
Bolts—				
Nave, bosshead, square, bevelled, $\frac{1}{2}$ -inch × 3 $\frac{1}{2}$ -inch	8	8	...	...
Tyre, No. 45 wheel	1	1	...	...
Can, lubricating, No. 9	1	1	...	1
Funnel, filling, hydraulic buffer	1	...	...	...

BOX, MOBILIZATION STORES, No. 1—*continued*Spare Parts, &c., Materials for Repair, and Tinman's Tools—*continued.*

Articles.	Field Ammu- nition. Column. "A" Echelon.	Divisional Ammunition Column.		
		"A" Echelon.		"B" Echelon.
		1st, 2nd or 3rd Section. — For each Section.	4th Section, 3-7-in. How.	
<i>Section No. 14—continued.</i>				
Keys—				
Split, flat, 1-inch × 4-inch	1	1	...	1
Spring lock	2	2	...	2
Locks, box, limbers and wagons—				
No. 6	1	1	...	1
" 7	1	1	...	1
Pins, draught, No. 3	1	1	...	1
Screws, lubricating hole, cheeshead, $\frac{1}{2}$- inch × $\frac{3}{4}$-inch (with leather washer) ...	8	8	...	8
Spanner, No. 93	1	1	...	1
Steel pieces—				
Bolt—				
2-feet 8-inch × 1-inch	...	1	...	1
2-feet 8-inch × $\frac{3}{4}$ -inch	...	1	...	1
2-feet 8-inch × $\frac{1}{2}$ -inch	...	1	...	1
Flat—				
2-feet 8-inch × 3-inch × $\frac{1}{2}$ -inch	...	1	...	1
2-feet 8-inch × 2-inch × $\frac{1}{2}$ -inch	...	1	...	1
Plate—				
1-foot 2-inch × $\frac{1}{2}$ -inch × $8\frac{1}{2}$ -inch	...	1	...	1
1-foot 2-inch × $\frac{1}{2}$ -inch × 6-inch	...	1	...	1
Tyre, 12-inch × 3-inch × $\frac{3}{8}$-inch, curved	...	1	...	1
Straps, securing—				
1-inch × 30 inch	1	1	...	1
1 " × 26 "	1	1	...	1
1 " × 22 "	3	3	...	3
1 " × 18 "	3	3	...	3
1 " × 13 "	3	3	...	3
$\frac{3}{4}$ " × 13 "	3	3	...	3
$\frac{3}{4}$ " × 10 "	3	3	...	3

Box, MOBILIZATION STORES, No. 1—continued
Spare Parts, &c., Materials for Repair, and Tinman's Tools—
continued.

Articles.	Field Ammu- nition. Column, "A" Echelon.	Divisional Ammunition Column.		
		"A" Echelon.		"B" Echelon.
		1st, 2nd or 3rd Section. — For each Section.	4th Section. 3·7-in. How.	
<i>Section No. 19.</i>				
Brush, breech screw	1	1	...	1
Cleaner—				
Piasaba, No. 8A (in case)	1	1	...	1
Wool, No. 1	1	1	...	1
Covers, muzzle, No. 17	1	1	...	1
<i>Section No. 21—A.</i>				
Collars, adjusting, 2nd class "C," capped wheels	1	1	...	...
Rings, dust-excluder, 2nd class axletree ...	4	4	...	4
Pins, linch, 2nd class "C," capped wheels	1	1	...	...
Washers, drag, 2nd class "C," capped wheels	1	1	...	...
TINMAN'S TOOLS.				
<i>Section G.—2.</i>				
Solder, tinman's, soft lb.	1½	1½	1½	...
<i>Section No. 7.</i>				
Groover	1	1	1	...
Iron, soldering, tinman's, large	1	1	1	...
Mallet, tinman's	1	1	1	...
Shears, tinman's, snip pair	1	1	1	...
<i>Section No. 13—C.</i>				
Cloths, sponge	4	4	4	...

BOX, MOBILIZATION STORES, No. 2

Materials, Repair, for Harness, Saddlery, &c. ; Indirect Laying Stores ; Tools, Screw-cutting, &c.

Note.—Tow or other suitable material must be used, where necessary, to ensure good packing.

Articles.	Field Ammunition Column, "A" Echelon.	Divisional Ammunition Column.		
		"A" Echelon.		"B" Echelon.
		1st, 2nd or 3rd Section. — For each Section.	4th Section, 3·7-in How.	
Number of Boxes	1	1	1	...
<i>Section H2.</i>				
Cord—				
Cotton ft.	8	8	8	...
Whip oz.	5	5	4	...
Twine, packing, small lb.	1	1	1	...
<i>Section No. 6.</i>				
HARNESS AND SADDLERY, MATERIALS FOR REPAIR.				
Chains, curb	3	3	3	...
Saddletrees, rivets iron 2-inch	30	30	30	...
<i>Section No. 7.</i>				
Tools, screw-cutting bolt and nut R.A. field—				
Chest filled	1	1	1	...
<i>Section No. 15—B.</i>				
Clinometer, field (in case or wood box) ...	1	1(a)	1	...
Directors—				
No.	...	...	...	...
No.	...	...	...	...
Plotters, field, Mark IV (with cases) ...	2	2	1	...

(a) Carried by one section only.

BOX, MOBILIZATION STORES, No. 5.**Mineral Jelly, &c.**

Note.—Tow or other suitable material must be used, where necessary, to ensure good packing.

Articles.	Field Ammu- nition Column, “ A ” Echelon.	Divisional Ammunition Column.		
		“ A ” Echelon.		“ B ” Echelon.
		1st, 2nd or 3rd Section. — For each Section.	4th Section, 3·7-in. How.	
Number of Boxes	1	1	1	...
<i>Section No. 9—A.</i>				
Dubbing , in 2-lb. boxes lb.	30	30	30	...
Mineral jelly , red, in 10 “Cylinders, paint, No. 3” lb.	30	30	30	...
Sal-ammoniac (in lumps) oz.	6	6	6	...

BOX, MOBILIZATION STORES, No. 10.

Spare Parts of Q.F. 18-pr. Guns and Carriages.

Articles.	Field Ammu- nition Column, "A" Echelon.	Divisional Ammunition Column.		
		"A" Echelon.		"B" Echelon.
		1st 2nd or 3rd Section. — For each Section.	4th Section.	
Number of Boxes	1	1	...	1
<i>Section No. 14.</i>				
Q.F. 18-PR., MARKS I* TO II—SPARE FITTINGS.				
Catch , limber hooks, No. 2	1	1	...	1
Clips , securing traversing lever, carriage, Q.F. 13 and 18-pr.	3	3	...	3
Eccentric , brake gear, carriage, Q.F. 13 and 18-pr. and 4·5-inch howitzer	1	1	...	1
Nut , actuating screw, carriage, Q.F. 13 and 18-pr.	1	1	...	1
Pins—				
Axletree , Q.F. 13 and 18-pr.—				
Centre	1	1	...	1
Side	1	1	...	1
Capsquare , Q.F. 13 and 18-pr.	1	1	...	1
Locking shield pawl , Q.F. 13 and 18-pr.	1	1	...	1
Screws , lubricating hole, bosshead, $\frac{5}{16}$ - inch $\times$ $\frac{1}{4}$ -inch	8	8	...	8
Sights , rocking bar, Q.F. 13 and 18-pr.	1	1	...	1
Spindle , catch, limber hooks, No. 2	1	1	...	1
Springs—				
Catch, limber hooks, No. 2	1	1	...	1
Disc, No. 62	3	3	...	3
Firing gear , Q.F. 18-pr. Marks I* to II... ..	3	3	...	3
Shield pawl , Q.F. 13 and 18-pr.	1	1	...	1
Spiral (clock type), range gear, Q.F. 13 and 18-pr.	2	2	...	2
Plunger , traversing lever, Q.F. 13 and 18 pr'	1	1	...	1

BOX, MOBILIZATION STORES, No. 10—*continued*.Spare Parts of Q.F. 18-pr. Guns and Carriages—*continued*

Articles.	Field Ammu- nition Column, " A " Echelon.	Divisional		
		" A " Echelon.		" B " Echelon.
		1st, 2nd or 3rd Section. — For each Section.	4th Section.	
Number of Boxes	1	1	...	1
<i>Section No. 15—B.</i>				
Clinometer, sight	1	1	...	1
Springs, clinometer, sight	1	1	...	1
<i>Section No. 17—A.</i>				
Gauge, striker protrusion, No. 1	1	1	...	1
<i>Section No. 17—B.</i>				
Drift, No. 12	1	1	...	1
Ordnance, Q.F.—				
18-pr. extractor	1	1	...	1
Ordnance, Q.F. 13 and 18-pr.—				
Block, guide, striker	1	1	...	1
Bush, firing hole	2	2	...	2
Carrier	1	1	...	1
Catch, retaining breech screw	1	1	...	1
Lever—				
Breech mechanism	4	3	...	3
Firing	1	1	...	1
Pins, firing	4	4	...	4
Screw, breech	1	1	...	1
Springs—				
Main	2	2	...	2
Safety catch	2	2	...	2
Trigger	4	4	...	4
Tripping piece	1	1	...	1
Striker	1	1	...	1
Trigger	1	1	...	1

BOX, MOBILIZATION STORES, No. 13**Spare Sights, &c., Q.F. 4·5-inch Howitzer**

Articles.	Field Ammunition Column, "A", Echelon.	Divisional Ammunition Column, "A" Echelon, 1st, 2nd or 3rd Section. — For each Section.	"B" Echelon.
Number of Boxes	1	1	1
<i>Section No. 14.</i>			
Bracket , supporting sights, carriage, Q.F. 4·5-inch howitzer	1	1	1
Cam , actuating recoil valve carriage, Q.F. 4·5-inch howitzer	1	1	1
Carrier , No. 7 dial sight, No. 1	1 (a)	1 (a)	...
Case —			
Dial sight carrier, Q.F. 4·5-inch howitzer	1 (a)	1 (a)	...
No. 7 dial sight, No. 1	1 (a)	1 (a)	...
Locks , box, limbers and wagons, No. 6	1	1	1
Nuts , actuating screw (brake gear)—			
Carriage, Q.F. 4·5-inch howitzer (in 2 pieces)	2	2	2
Wagon, Q.F. 4·5-inch howitzer (each with 2 trunnion screws)	3	3	3
Plates , parting, running out springs, Q.F. 4·5-inch howitzer—			
Thick	1	1	1
Thin	1	1	1
Roller , bar, actuating recoil valve, Q.F. 4·5-inch howitzer	1	1	1
Sights —			
Fore, bar sight, Q.F. 4·5-inch howit- zer	1 (a)	1 (a)	1
Springs —			
Disc, No. 62	2	2	2
" " 72	3	3	3
Draught hook, Q.F. 4·5-inch howitzer	3	3	3
Catch, limber and perch hooks ...	4	4	4
<i>Section No. 15—B.</i>			
Sights, dial, No. 7	1 (a)	1 (a)	...

(a) Handed over by batteries on mobilization.

BOX, MOBILIZATION STORES, No. 14
Spare Carriage Fittings, &c., Q.F. 4.5-inch Howitzer

Articles.	Field Ammunition Column, "A" Echelon.	Divisional Ammunition Column, "A" Echelon. 1st, 2nd or 3rd Section. — For each Section.	"B" Echelon.
Number of Boxes	1	1	1
<i>Section No. 14.</i>			
Box , packing rings, No. 1	2	2	2
Bush , rear cap, cradle, Q.F. 4.5-inch howitzer	1	1	1
Cap , dust, 2nd class "C" capped wheels, No. 1	1	1	1
Carrier , retarding valve, Q.F. 4.5-inch howitzer	1	1 (a)	1
Catch , limber hooks, No. 2	1	1	1
Collar , dividing piston and valve, Q.F. 4.5-inch howitzer	1	1 (a)	1
Funnel , filling, Q.F. 4.5-inch howitzer	1	1 (a)	1
Gland , piston rod, carriage, Q.F. 4.5- inch howitzer	1	1	1
Handle , catch, No. 29 Mark II limber hooks and No. 1 perch hook	1	1	1
Keys , split, flat, 1-inch × 4-inches	1	1	1
Pawls , cradle clamping gear	1	1 (a)	1
Pins —			
Draught, No. 3	1	1	1
Capsquarc, Q.F. 4.5-inch howitzer... ..	1	1	1
Plug , filling hole, hydraulic buffer, No. 16	...	3	...
Rings —			
Compressed, packing—			
No. 2	1	1	1
" 2, supplementary	1	1	1
Securing leather packing, cradle, Q.F. 4.5-inch howitzer	1	1 (a)	1
Packing, hydraulic buffer, Q.F. 4.5- inch howitzer, leather	1	1	1
Supporting packing, cradle, Q.F. 4.5-inch howitzer—			
Inner	1	1	1
Outer... ..	1	1	1
Screws , lubricating hole, bosshead, 3/16-inch × 1/4-inch	8	8	8
Sights —			
Bar, carriage, field, Q.F. 4.5-inch how- itzer	1	1	1

(a) Carried by one section only.

Box, MOBILIZATION STORES, No. 14—*continued*
Spare Carriage Fittings, &c., Q.F. 4.5-inch Howitzer—
continued

Articles.	Field Ammunition Column, "A" Echelon.	Divisional Ammunition Column, "A" Echelon, 1st, 2nd or 3rd Section. — For each Section.	"B" Echelon.
Number of Boxes	1	1	1
<i>Section No. 14—continued.</i>			
Springs—			
Bracket, supporting sights, carriage, Q.F. 4.5-inch howitzer	1	1	1
Capsquare, pin... ..	1	1	1
Q.F. 4.5-inch howitzer—			
Plunger, clip, securing traversing lever	1	1	1
Limber hook	1	1 (a)	1
Pawl, gear clamping cradle	1	1	1
Plunger, gear locking cradle	1	1	1
Spiral, automatic clamp, bar sight	1	1	1
Shield, shutter	1	1	1
Traversing lever	1	1	1
Spanners—			
No. 93	1	1	1
" 284	1	1	1
" 285	1	1	1
Hydraulic buffer—			
No. 145	1	1	1
" 146	1	1	1
Tools—			
Withdrawing rings, supporting pack- ing, field carriages	1	1	1
Valves—			
Recoil, Q.F. 4.5-inch howitzer	1	1 (a)	1
Retarding, Q.F. 4.5-inch howitzer... ..	1	1 (a)	1
Rotating, Q.F. 4.5-inch howitzer	1	1 (a)	1
Washers, packing, hydraulic buffer, Q.F. 4.5-inch howitzer ... sets			
	1	1	1
<i>Section No 15.</i>			
Screws, lubricating hole, bosshead, $\frac{3}{8}$-inch $\times$ $\frac{1}{2}$-inch	1	1	1
<i>Section No. 24.</i>			
Implements, ammunition—			
Key, No. 26, primer, 4.5-inch	1	1	1

(a) Carried by one section only.

BOX, MOBILIZATION STORES, No. 16
Spare Gun Fittings, &c., Q.F. 4·5-inch Howitzer

Articles.	Field Ammunition Column, "A" Echelon.	Divisional Ammunition Column, "A" Echelon, 1st, 2nd or 3rd Section. — For each Section.	"B" Echelon.
Number of Boxes	1	1	1
<i>Section No. 16—A.</i>			
Drift, No. 3	1	1	1
<i>Section No. 17—A.</i>			
Gauge, striker, protrusion, No. 1 ...	1	1	1
<i>Section No. 17—B.</i>			
Ordnance, Q.F. 4·5-inch howitzer—			
Block, breech	1	1 (a)	1
Bush, firing hole	1	1	1
Catch, retaining cylinder nut ...	1	1 (a)	1
Extractor	1	1 (a)	1
Lever—			
Breech mechanism	1	1	1
Firing	1	1 (a)	1
Pins—			
Actuating, firing lever	1	1 (a)	1
Firing	2	2	2
Keep, trigger	1	1	1
Retaining, extractor	1	1 (a)	1
Plate, cam, breech mechanism lever	1	1 (a)	1
Springs—			
Catch—			
Breech mechanism lever	1	1	1
Retaining cover plate	1	1	1
Retaining cylinder nut	1	1	1
Main	1	1	1
Safety stop	1	1	1
Stop, safety	1	1 (a)	1
Striker	1	1 (a)	1
Trigger	1	1 (a)	1
Wrench, breech mechanism, No. 90 ...	1	1 (a)	1

(a) Carried by one section only.

7.—DETAIL OF COMPONENT PARTS

Ordnance, Q.F. 18-pr., Marks I to II*

Designation.	Detail.	No.
Ordnance, Q.F. 18-pr., Marks I to II*—		
Extractor	Steel, with hinge bolt and keep pin	1
Ordnance, Q.F. 13-pr., Marks I to III, and 18-pr., Marks I to II*—		
Block, guide, striker	Steel, with safety catch and flat spring	1
Carrier	Steel, with lubricating plunger, spiral spring and retaining nut, hinge bolt and keep pin, breech mechanism lever with hinge bolt and keep pin, and (Mark I breech mechanism lever consisting of arm with bush, retaining catch, axis pin and flat spring); or (Mark II breech mechanism lever consisting of arm with bush, retaining catch, axis pin, spiral spring and spring guide screw)	1
Catch, retaining breech screw ...	Steel, with spiral spring and rivet ...	1
Lever, firing	Steel	1
Screw, breech—		
Mark I	Steel, with retaining catch plate with screwed rivet, with Mark I firing hole bush	1
Marks I* and II	Steel, with retaining catch plate with screwed rivet, with Mark II firing hole bush and fixing screw	
Striker	Steel, with firing pin, rebound block and securing pin, main spring, guide for spring, tripping piece, flat spring and fixing screw	1
Trigger, Mark I or	Steel, in 2 parts (part I with bush, collar, spring and keep pin) and (part II)	1
Mark II or Mark I*	Steel, in 2 parts (part I, with spindle with set pin and nut), and (part II) with bush, collar, spring and keep pin	

Ordnance, Q.F. 18-pr., Mark IV

Designation.	Detail.	No.
Ordnance, Q.F. 18-pr., Mark IV—		
Body	With 2 stops studs, 2 hinge lug bushes and oil reservoir securing collar with 2 securing screws; oil reservoir consisting of outer and inner casings and packing cylinder, 2 bearing strips each with 3 rivets, filling plug and filling plug washer, inspection window, inspection window packing washer and inspection window securing nut, with keep pin, oil level reflector, relief valve consisting of valve seating bush and packing washer, relief valve spindle with nut and keep pin and withdrawing ring, relief valve spring, and relief valve spring retaining collar; left and right side cover plates each consisting of body with securing screw, lubricating filling plug with chain with loop, and eye stud, filling plug washer, upper and lower lubricating pads, lubricating pads retaining plate, joint strip and lubricating pads retaining plate with 2 fixing screws; recoil indicator bracket with 3 fixing screws on right side cover plate only...	1
Block, guide, striker	Steel; body with safety catch and flat spring	1
Cam, rotating, breech screw	Steel with 2 fixing screws	1
Carrier	Steel; body; carrier hinge bolt with keep pin; breech mechanism lever with plug and rivet; B.M. lever bearing block; B.M. lever bearing block securing bolt with keep pin; B.M. lever retaining catch latch; B.M. lever retaining catch lever, B.M. lever retaining catch plunger; B.M. lever retaining catch spring; crosshead; and guide block securing bolt with keep pin	1
Mark I	Bronze body with plug and lubricator, upper and lower extractor actuating plates each with fixing screw, breech screw retaining plate guide plate with 2 screwed rivets, trigger guide plate with fixing screw, and B.M. lever retaining catch latch stop stud with check screw;	1
or		
Mark II		

Ordnance, Q.F. 18-pr., Mark IV—*continued*

Designation.	Detail.	No.
Ordnance, Q.F. 18-pr., Mark IV— Carrier—<i>continued</i>.		
Mark I	carrier hinge bolt with keep pin ; breech mechanism lever with plug and rivet ; B.M. lever bearing block ; B.M. lever bearing block securing bolt with keep pin ; B.M. lever retaining catch latch ; B.M. lever retaining catch lever ; B.M. lever retaining catch plunger ; B.M. lever retaining catch spring ; crosshead ; and guide block secur- ing bolt with keep pin.	
or		
Mark II		
Extractor	Steel	1
Screw, breech	Steel body with lubricator, and firing hole bush with fixing screw ; and retaining plate, with keep pin ...	1
Striker	Steel ; body ; firing pin ; rebound block and securing pin ; main spring ; guide for main spring ; tripping piece ; and tripping piece spring with fixing screw ...	1
Trigger	Steel in 2 parts (part I with roller and axis screw, and spindle with set pin and nut), and (part II) bush, collar, spring and keep pin...	1
Ordnance, Q.F. 13-pr., Marks I to III, and 18-pr., Marks I to II* and IV—		
Lever, firing	Steel	1

Carriages, field, Q.F. 18-pr., Marks I* to II

Designation.	Detail.	No.
COMPONENTS.		
Axletrees, 2nd class "C," No. 206	Steel	1
Block, housing No. 9 lubricating can "A"	Wood, with leather cover	1
Brackets—		
Connecting axletree and trail	Steel	1
Axletree, supporting shield—		
Left	Steel, with bolt connecting tensile stay with nut and keep pin, dust excluder and fixing screws...	1
Right		

Carriages, field, Q.F. 18-pr., Marks I* to II—*continued*

Designation.	Detail.	No.
COMPONENTS—continued.		
Brackets—continued.		
Dial sight	M.B. with clamping screw, with nut and keep pin, handle, flat spring with securing screws and fixing screws	1
Capsquares	Steel	2
Carriage, body	Steel, with transoms, 2 trunnion bearings, 2 clutch spindle bearings, 2 axletree bearings, each with lubricating cup, bracket traversing and bracket carrying elevating gear, lower, with cap, 2 stops for clutch spindle, and arc adjusting clamp	1
Carrier, shovel clip	Steel, in 2 parts, with 2 screws	1
Clip, securing shovel	Steel, spring, with 2 screws	1
Collar, adjusting, 2nd class "C," capped wheels	Steel	2
Cradle—		
Body	M.B. with steel trunnions and P.B. liners	1
Bearings—		
Carrying range indicator	M.B. with set screw	1
Pinion, spindle, handwheel	Steel, with M.B. bush and set screw	1
Bracket, carrying elevating gear, upper	Steel, with M.B. bush, cap and keep pin	1
Brackets, lubricating gun slides—		
Left	M.B. body with felt pad, brass cover with leather strip and fixing screws, securing bolt with keep pin and 2 wipers (1 fixed, 1 adjustable) with screws	1
Right		
Cap, recuperator case, front—	M.B. with 3 steel hinge bolts, each with hinge rivet, nut and washer, and stop actuating lever recoil gear	1
No. 1		
No. 2	Steel, with connecting ring with set screw, and stop actuating lever recoil gear	1
Case, recuperator	Steel, with ring, M.B. and steel guides and brass cover plate, with screws	1
Clip, pipe lubricating recuperator guide	Brass, with screws and keep pin	1
Fore sight	Steel	1
Guard, protecting gun-layer	Steel, with G.M. bracket, with firing lever stud with collar and keep pin	1
Guide, arc, range gear, Mark II... ..	M.B. with G.M. cap, keep pin fixing and grub screws	1
Lubricator, gun slides	Consisting of brass cup, with cap, leather washer, chain and S hook...	1

Carriages, field, Q.F. 18-pr., Marks I* to II—continued

Designation.	Detail.	No.
<i>COMPONENTS—continued.</i>		
<i>Cradle—continued.</i>		
Lubricator, Stauffer, No. 3 pattern H ... ..	... ..	1
Pipe, lubricating recuperator guide	Copper with 2 connections (large and small)	1
Protectors—		
Curved—		
Lower	Brass, with screws	1
Upper—		
Front	" "	1
Rear	" "	1
Straight	" "	2 (a)
Recuperator, air—		
Body, recuperator and buffer...	Steel, with front plug with pipe and tube filling reservoir and adapter breech lug with nut and keep pin...	1
Buffer, hydraulic—		
Box stuffing	Steel	1
Cap, run-out plug	M.B. serrated	1
Gland, adjusting plug	M.B. with lock nut	1
Lever, actuating recoil gear...	Steel	1
Piston... ..	Steel rod, including control plunger with recoil valve with rivet, rotating valve, nut securing valve with keep pin, thrust ring, collar and front nut with keep pin ...	1
Plugs		
Adjusting run out, Mark II	Steel	1
Air hole	Steel	1
Filling hole	Steel	1
Rear	Steel, with M.B. bush and keep screws	1
Plate, locking, cap run-out plug	Steel	1
Rings—		
Joint cylinder	Steel	1
Joint seating relief valve...	Fibre	1
Neck, L packing	M.B.	1
Packing stuffing-box, L section	Rubber	1
Supporting L packing	M.B.	1
Seating relief valve	G.M.	1
Springs—		
Plunger locking adjusting plug	Steel, spiral	1
Relief valve	Steel, spiral	1
Stud, locking plate run-out plug	Steel, with nut and keep pin...	1
Valve, relief	Steel, with nut... ..	1
Washer, packing stuffing-box	Fibre	1

(a) 1 left and 1 right.

Carriages, field, Q.F. 18-pr., Marks I* to II—continued

Designation.	Detail.	No.
COMPONENTS—continued.		
Cradle—continued.		
Recuperator, air—continued.		
Buffer and recuperator—		
Catch, gland	Steel, plate locking stuffing-boxes, with securing screw and keep pin, spindle with nut and keep pin, 2 locking levers, each with spring stop, spiral spring and securing loop	1
Glands, stuffing-box, Mark II	M.B.	2
Rings, compressed packing—		
No. 8	Turners, in 2 halves	2
„ 8 supplementary	Turners	(a)
„ 17	Asbestos	2
Gland	M.B.	2
Neck adjusting plug and stop valve	M.B.	4
Washers, packing—		
Filling plugs	Fibre	3
Stuffing-box recuperator, also rear plug hydraulic buffer	Fibre	2
Cover, adapter breech lug	Brass, with 3 fixing screws	1
Recuperator—		
Box, stuffing	Steel	1
Gland stop valve	Steel, with lock nut	1
Piston... ..	Steel rod (in 2 parts) with front nut, rod collar, piston head ring, 2 U-section packing rings, 2 supporting rings, square section packing rings (set of 4), supporting sleeve for square packing, and nut for retaining sleeve	1
Plugs { Adapter hole	Steel	1
{ Filling hole	Steel, serrated	1
{ neck L packing	M.B.	1
Rings { packing, stuffing box	Rubber	1
	M.B.	1
{ box L section	Steel	1
{ supporting L packing	Steel (spiral)	1
Spindle, stop valve	Steel, serrated, with screws and keep pin	1
Spring, retarding valve		
Stop, filling plug		
Valves—		
Retarding	M.B.	1
Stop	Steel	1
Washers, packing—		
Adapter plug	Fibre	1

(a) As required.

Carriages, field, Q.F. 18-pr., Marks I* to II—*continued*

Designation.	Detail.	No.
COMPONENTS—<i>continued</i>.		
Cradle—<i>continued</i>.		
Screws, lubricating hole, boss-head, $\frac{5}{16}$ -inch $\times$ $\frac{1}{4}$ -inch ...	G.M.	8
Screws, set trunnions ...	Steel	2
Studs—		
Guard connecting spring ...	Steel with nut and keep pin ...	1
Securing guard ...	Steel, " " " " " " ...	3
Trunnion supporting sight ...	Steel, with collar, nut and keep pin...	1
Tube, lubricating elevating gear	Steel with screw	1
Flanges, axletree—		
Left	Steel, with bolt, collar, nut and keep pin	{ 1
Right		
Lever, traversing, Mark II ...	Steel, with leather cap, pawl, stud pawl, with nut and keep pin, hinge bolt with nut and keep pin, and plunger with bush and spiral spring	1
Pins—		
Axletree—		
Centro	Steel, with keep pin	1
Side	" " " " " "	2
Capsquare	Steel spring, split, with chains and loops	2
Linch, 2nd class "C," capped wheels	Steel	2
Plate, inscription	G.M., with screws	1
Seats—		
Left, Mark II	{ Steel, with supporting bracket and G.M. clip (in 2 parts) with 2 bolts	{ 1
Right, Mark II		
Shield, Mark II	Steel (upper portion hinged) with wood slats, door with hasp and door frame with turn buckle, sliding door for dial sight port with 2 studs and clamping screw with wing nut, 2 brackets aiming posts, bracket supporting field clinometer, 2 plates carrying fuze indicator, 2 wood blocks steadying fuze indicator with strap, plate angle carrying spare part case, plate housing shovel with leather loop, bracket dial sight case or box, strap staples, 8 securing bolts with leather washers and spring washers, advance loop with 2 joint bolts with locking wires, catch with staple, Mark II, latch bracket, shutter with lever and 2 brackets, No. 5 sight illuminating apparatus	1

Carriages, field, Q.F. 18-pr., Marks I* to II—*continued*

Designation.	Detail.	No.
COMPONENTS—<i>continued</i>.		
Gear, brake—<i>continued</i>—		
Link, eccentric	Steel, with connecting bolt, nut and keep pin, and adjusting screw with nut and keep pin	1
Nut, actuating screw	M.B. with securing nut	1
Rods, connecting— Cranked levers	Steel, with 10 disc springs, No. 62, nut and keep pin, and bolt connecting with nut and keep pin ...	1
Eccentric link	Steel, with connecting bolt, nut and keep pin	1
Screw, actuating	Steel, with cross handle, stop nut, handwheel retaining nut, M.B. securing nut and keep pins... ..	1
Gear, clamping cradle—		
Clutches—		
Left	Steel	1
Right	Steel	1
Spindle, clutch	Steel, with nut and keep pin... ..	1
Tube, distance	Steel	1
Gear, elevating—		
Band, carrying protecting cap ...	M.B.	1
Bearings, nut	M.B.	2
Cap, protecting elevating screw...	Steel, with keep pin	1
Nuts, elevating screw	Steel, with bevel wheel	2
Pinions, handwheel—		
Lower	Steel, bevel, with spindle, collar, nut and keep pin	1
Upper		
Rod, connecting, elevating screw	Steel, with axis pin and keep pin ...	1
Screw, elevating, No. 38	Steel (also range), with upper stop and lower stop, with securing screw, cover, collar, nuts and keep pins...	1
Wheels, hand—		
Lower	M.B. with handle	1
Upper	" " " (also range)	1
Gear, firing—		
Arm, connecting	Steel, with collar and keep pin ...	1
Lever, spring	Steel, with spring stud, collar and keep pin	1
Pin, fulcrum	Steel, with collar and keep pin ...	1
Rod, connecting	Steel, with handle	1
Spring, Mark II	Steel, spiral	1
Gear, range—		
Arc, Mark II	Steel, with connecting bracket ...	1
Block, base, dial sight bracket ...	M.B. with fixing screws	1
Bush, eccentric	M.B. (for indicator pinion)	1
Catch, locking	G.M. bracket, with steel securing bolt, locking bolt, sleeve locking and spring	1

Carriages, field, Q.F. 18-pr., Marks I* to II—*continued*

Designation.	Detail.	No.
COMPONENTS—<i>continued</i>.		
Gear, range—<i>continued</i>.		
Indicator, Mark III	Consisting of spring case with 2 copper washers, clock type spring, spring barrel, yard and degree scale ring, jamming plate, pointer degree scale with 2 screws, M.V. scale plates, plate carrying M.V. scale, 2 readers (1 for yard scale and 1 for M.V. scale) and carrier, M.V. scale pointer and reader ...	1
Pinion, indicator	Steel, spur, with spindle, castellated nut and keep pin	1
Plate, handwheel catch	Steel, with 4 brass securing screws ...	1
Gear, traversing—		
Cap, crosshead	Bronze	1
Crosshead	Steel, cylinder, with steel cap, M.B., bearing with securing screw, collar, nut and keep pin, check nut, packing piece and oil screw ...	1
Link-nut	M.B.	1
Pin, connecting link-nut	Steel, with keep pin	1
Pointer	Nickel alloy, with screws	1
Screw, actuating	Steel, with collar, nut and keep pin ...	1
Strip, degree scale	M.B. with screws	1
Wheel, hand	M.B. with handle	1
Plate, zero line readings	Xylonite, with securing bolts and copper washers	1
LEATHER FITTINGS.		
Cases—		
Keys, setting fuze, Q.F. 13 and 18-pr., Marks I* to II carriages ... ..	... ..	1
Sight clinometer	With 2 brass securing bands	1
Telescope	With 2 brass securing bands	1
Loop, securing traversing hand-wheel	Leather	1
Strap, shovel handle ... ..	... ..	1
Straps, quick release—		
1-inch × 9½-inch	Securing brake lever	1
1-inch × 11-inch, with loop	Securing drag ropes	1
Tie, securing, ½ in. × 7 in.	Steadying rod connecting brake gear	1

Carriages, field, Q.F. 18-pr., Marks IIIr to V

Designation.	Detail.	Marks.
Axletree, 2nd class "C"—		IIIr. IV. V.
„ 255	Steel, with bearing strips and screws	... 1 ...
„ 257	Steel, converted No. 252 with bearing strips and screws	
„ 258	Steel, with bearing strips and screws	1
„ 256	Steel, converted No. 252 with bearing strips and screws	
„ 259	Steel, with 4 keys each with screw and 2 balls with securing bolts	 1
Bracket, supporting—		
Carriage body, Mark II	Steel, with bush with securing screws	 1
Upper, shield—		
Left	Steel, with 2 supporting plates for sight clinometer case and securing bolts	 1
Right	Steel, with supporting plate for field clinometer case and securing bolts	 1
Carriage body—		
Bracket, elevating gear	M.B. body with fittings	 (a)
Bearing, outer	G.M., with bush securing screws and locking wire	 1
Body	M.B.	 1
Bush—		
2-inch hole	G.M.	 1
1½-inch hole		 2
11/10-inch hole		 1
9/10-inch hole		 1
Cover	G.M., with securing screws and keep pin	 1
Lubricator, top oiler, ¼-inch gas thread ... ..	... ..	... .. 5
Screw, securing, bushes, ½-inch	Steel (b)	 2
Stop, elevating arc—		
Left	G.M., with securing screw with keep pin	 1
Right		 1
Bracket, supporting, hand wheels	G.M. body, with fittings	 (a)
Body	G.M.	 1
Bush—		
1-inch hole	G.M.	 2
9/10-inch hole, 1.7-inch long		 1
Eye, screwed	Steel	 1

(a) Fittings are separately detailed.

(b) Interchangeable with those on brackets, supporting hand wheels, and brackets traversing gear.

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
		IIIr.	IV.	V.
Carriage body—<i>continued</i>.				
Bracket, supporting, hand wheels— <i>continued</i> .				
Lubricator, top oiler, $\frac{1}{4}$ -inch gas thread	...	...	...	3
Pointer, degree scale... ..	Brass, with securing screws ...	...	...	1
Screw, securing—				
Body	Steel, with keep pin	...	...	3
Bushes, $\frac{1}{4}$ -inch	Steel(a)	...	...	3
Bracket, supporting, upper shield stay, bottom—				
Left	} Steel, with hinge bolt, nut { and keep pin	...	...	1
Right		...	...	1
Bracket, traversing gear ...	M.B. body, with fittings ...	...	...	(b)
Body	M.B.	...	...	1
Bush—				
1-inch hole	} G.M.	...	...	2
$\frac{9}{10}$ -inch hole, 1.7-inch long		...	...	1
$\frac{9}{10}$ -inch hole, 1.4 inch long		...	...	1
$\frac{8}{10}$ -inch hole		...	...	1
Cover—				
Bevel wheel	G.M., with securing screws and keep pins	...	...	1
Worm	G.M., with securing screws and locking wire	...	...	1
Lubricator, top oiler, $\frac{1}{4}$ -inch gas thread	...	...	...	7
Lubricator, top oiler, Tucker's No. 5	...	...	...	1
Screw, securing bushes, $\frac{1}{4}$ -inch... ..	Steel	...	...	5
Capsquare—				
Left	Steel, with locking screw and lubricator	...	...	1
Right	Steel, with screwed eye, locking screw and lubricator	...	...	1(c)
Key, capsquare—				
No. 12... ..	Steel, with chain and ring (right)	...	...	1(c)
" 32... ..	Steel, with chain and ring (left)	...	...	1
Pin, hinge, capsquare—				
" A "	Steel, with keep pin (left)	...	...	1(c)
" B "	Steel, with washer and keep pin (right)	...	...	1(c)
Pin, pivot	Steel, with lubricator, nut and keep pin	...	...	1
Plate, connecting, elevating and traversing brackets	Steel	...	...	1

(a) Interchangeable with those on brackets, supporting hand wheels, and brackets traversing gear.

(b) Fittings are separately detailed.

(c) Items interchangeable for Marks IIIr to V carriages.

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
		IIIr.	IV.	V.
Carrier, brake—				
Left	M.B., with dust-excluder with securing screws, lubricator and locking bolt	...	...	1(a)
Right	M.B., with dust-excluder with securing screws, 5 lubricators and locking bolt	...	...	1(a)
Cradle—				
Bearing, face	M.B.	2	2	2
Body	Steel case, with fittings	(b)	(b)	(b)
Band—				
Front	M.B. or steel	1	1	1
Rear	Steel	1	1	1
Trunnion	M.B. or steel body with 2 trunnions, each with nut and keep pin and locking screw	...	1	1
Trunnion, Mark II ...		1	...	...
Bolt, hinge, front cap, top ...	Steel, with castle nut, washer, rivet and keep pin	2	2	2
Bracket—				
Carrying, firing hand-lever	Steel	1	1	1
Cradle clamp bolt ...	{ Steel Steel, with bearing strip ...	1	...	...
Supporting range arc ...		...	1	1
Case	Steel	1	1	1
Door, oil filling	Steel, with thong and rivet ...	1	1	1
Joint, hinge, oil-filling door	Steel, with hinge pin	1	1	1
Plate, bracket, firing lever ...	Steel	1	1	1
Stud, door thong	Steel	1	1	1
Bolt, cradle clamp	Steel, with handle with keep pin	1	1	1
Bracket, range, gear	M.B. body with fittings ...	(b)	(b)	(b)
Body	M.B.	1	...	...
Bolt, locking	Steel, with nut	1	1	1
Bush—				
Arc, pinion shaft—				
Left	G.M.	1	1	1
Right	G.M.	1	1	1
Intermediate	G.M.	1	1	1
Lower	G.M.	1	1	1
Upper	G.M.	1	1	1
Cover—				
Left	{ G.M. with keep pin ...	1	1	1
Right		1	1	1
Lubricator, top oiler, $\frac{1}{4}$ -inch gas thread	...	3	3	3
Screw, securing—				
Bushes—				
$\frac{1}{4}$ -inch	Steel	1	1	1
$\frac{3}{8}$ -inch	Steel	2	2	2
Covers	Steel	6	6	6

(a) One casting; also provides axletree brackets and supports the lower shield.

(b) Fittings are separately detailed.

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
Cradle—continued.				
Bracket, range gear—continued.		IIIr.	IV.	V.
Sleeve, locking	Steel	1	1	1
Spring, locking bolt	Steel	1	1	1
Bracket, supporting sight	{ Steel ; consisting of carrier and arm elevating-arc, left	1	1	...
	{ Steel carrier with boss and arm elevating-arc, left	...	...	1
Buffer and recuperator—				
Body	Steel, cylinder-block	1	1	1
Buffer, hydraulic—				
Box, stuffing	Steel	1	1	1
Grand, piston rod	M.B. (same as for recuperator) ...	1	1	1
Piston	Steel rod, including control plunger with rotating valve, nut securing valve with keep pin, thrust ring, 2 bronze and 2 steel antifriction washers and front nut with keep pin ...	1	1	1
Plate, locking rear plug	Steel	1	1	1
Plug, rear	Steel body with fittings	(a)	(a)	(a)
Body	Steel, with locking wire	1	1	1
Bush	M.B.	1	1	1
Case, run-out valve gear	M.B. with keep pin	1	1	1
Gland, valve	M.B. (b)	1	1	1
Packing, valve	Asbestos cord coiled or plated hemp (b)	1	1	1
Plate, locking, gland valve	Steel, with keep pin	1	1	1
Ring, neck, valve	M.B. (b)	2	2	2
Screw, fixing bush	Steel	1	1	1
Socket, end worm wheel	Steel, with keep pin	1	1	1
Spring, pin, ratchet wheel	Steel	1	1	1
Valve, adjusting run-out	Steel	1	1	1
Washer, packing	Fibre	1	1	1
Wheel—				
Ratchet	Steel	1	1	1
Worm adjusting run-out valve	Steel	1	1	1
Worm, adjusting run-out valve	Steel	1	1	1
Plug, snifting valve, hole, Mark II	Steel	1	1	1
Ring—				
Joint, stuffing box	Fibre (same as for recuperator)	1	1	1
Supporting, compressed packing	M.B. (same as for recuperator) ...	2	2	2
Supporting, fibre washer	M.B.	1	1	1

(a) Fittings are separately detailed.

(b) Interchangeable with oil-filling and air valves, recuperators.

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
Cradle—continued.				
Buffer and recuperator—contd.				
Buffer, hydraulic—continued		IIIr.	IV.	V.
Seating, snifting valve, Mark II	Steel	1	1	1
Spring, snifting valve, Mark II	Steel	1	1	1
Stud, locking plate	Steel	1	1	1
Valve, snifting, Mark II ...	Steel	1	1	1
Washer, packing— Air plug and snifting valve, seating... ..	Fibre (same as for recuperator)	1	1	1
Snifting valve plug	Fibre	1	1	1
Catches, gland—				
Double	M.B. bracket, steel locking plate, 2 pawls, 2 springs, securing screw and keep pin	1	1	1
Single	M.B. bracket, steel locking plate, pawl, spring, securing screw and keep pin	1	1	1
Recuperator—				
Block, retaining piston rod	Steel, with keep pin	1	1	1
Box—				
Stuffing	Steel (for hydraulic chamber) ...	1	1	1
Stuffing, air reservoir ...	Steel	1	1	1
Excluder, dust	R.B. cap in 2 parts (inner and outer) with leather joint ring, clamping handle with screw and thrust washer	1	1	1
Gland—				
Air reservoir	M.B.	1	1	1
Piston rod	M.B. (same as for buffer) ...	1	1	1
Valve	M.B. (for air and oil valves)(a) ...	2	2	2
Liner, body—				
Front—				
Left	} M.B., with screws ... {	1	1	1
Right		1	1	1
Rear		2	2	2
Nut—				
Securing, gun, Mk. II ...	Steel, with keep pin	1	1	1
Stuffing box, air reser- voir	Steel, with keep pin	1	1	1
Packing, valve	Asbestos cord coiled or plaited hemp (a)... ..	2	2	2
Piston	Steel rod, with front nut, piston head ring, packing rings (set of 3) and 2 supporting rings (front and rear)... ..	1	1	1

(a) Interchangeable with oil-filling and air valves, hydraulic buffer.

Carriages, field, Q.F. 18-pr., Marks IIIr to V—continued

Designation.	Detail.	Marks.		
Cradle—continued.				
Buffer and recuperator—contd.				
Recuperator—continued.				
Piston, floating	Steel body with fittings	IIIr. (a)	IV. (a)	V. (a)
Body	Steel	1	1	1
Nut—				
Retaining spring	Steel	1	1	1
Securing—				
Rod	M.B.	1	1	1
U-packing	M.B.	1	1	1
Ring—				
Packing U-section	Rubber	1	1	1
Screwed body	M.B.	1	1	1
Supporting—				
Compressed packing	M.B.	1	1	1
U-packing	M.B.	1	1	1
Rod	Bronze	1	1	1
Spring	Steel	1	1	1
Plate, locking gland	Steel (for air and oil-filling valves)	2	2	2
Plug—				
Adapter hole	Steel	1	1	1
Air release	Steel	1	1	1
Filling oil hole	Steel	1	1	1
Ring—				
Backing U-packing	M.B.	2	2	2
Joint—				
Stuffing box	Fibre (same as for buffer)	1	1	1
Stuffing box, air reser- voir	Fibre	1	1	1
Neck valve	M.B. (2 for air and 2 for oil filling valves)	4	4	4
Packing, gland, U-sec- tion	Rubber	2	2	2
Supporting—				
Compressed packing	M.B. (same as for buffer)	1	1	1
Fibre washer, air reservoir	Steel	1	1	1
U-packing, air reser- voir	M.B. (for stuffing box)	1	1	1
U-packing and fibre washer	M.B. (for hydraulic chamber)	1	1	1
Rod, valve, oil filling	Steel, with locking wire	1	1	1
Seating, retarding valve	Steel	1	1	1
Spring, retarding valve	Steel	1	1	1
Stud, locking plate—				
Air valve	Steel, with keep pin	1	1	1
Oil-filling valve	Steel, with keep pin	1	1	1
Tube, extending, stuffing box, air reservoir	M.B.	1	1	1

(a) Fittings are separately detailed.

Carriages, field, Q.F. 18-pr., Marks IIIr to V—continued

Designation.	Detail.	Marks.		
Cradle—continued.				
Buffer and recuperator—contd.				
Recuperator—continued.				
Valve—				
Air, Mark II	Steel spindle with locking wire and coned head	IIIr.	IV.	V.
Oil filling	Steel	1	1	1
Retarding	M.B.	1	1	1
Washer, packing—				
Adapter plug	Fibre (also for Mark II adapter pump pipe)	1	1	1
Air plug and snifting valve seating	Fibre (also for snifting valve seating buffer)	1	1	1
Filling plug	Fibre	1	1	1
Cap, front	M.B. body with fittings	(a)	(a)	(a)
Body	M.B.	1	1	1
Bolt, hinge bottom	Steel, with castle nut, washer, rivet and keep pin	1	1	1
Bush—				
Large	G.M., with 2 screws	1	1	1
Small	G.M., with screw	1	1	1
Door	Steel, with hinge pin, thong and rivet	1	1	1
Joint, hinge door	Steel	1	1	1
Lubricator, top oiler, $\frac{1}{4}$ -inch gas thread ... ..	... ..	2	2	2
Plate, instruction—				
Cut-off gear	Brass, with screws	1	1	1
Leakage	Brass, with screws	1	1	1
Screw, locking, bevel wheel segment	Steel	2	2	2
Stud, door thong	Steel	1	1	1
Disc, beating face	Steel	2	2	2
Excluder, dust, snifting valve hole	Steel, with screws and spring washers	1	1	1
Lever, parallel motion sight link	G.M.	1	...	...
Pad, beating face	Asbestos	2	2	2
Plate—				
Index, run out valve	Brass, with securing screws	1	1	1
Instruction—				
Oil reservoir	Brass, with screws	1	1	1
Recuperator	Brass, with screws	1	...	...
Quadrant, degree scale	G.M.	...	1	1
Screw, securing, sleeve beating face pad	Steel	2	2	2
Sleeve, retaining, beating face pad	Steel	2	2	2

(a) Fittings are separately detailed.

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
Cradle—<i>continued</i>.		IIIr.	IV.	V.
Socket, isolating valve ...	Steel body with Mark II spindle, packing, neck ring and gland ...	1	1	1
Strip, scale, recoil indicator ...	Steel, with M.B. slider in 2 parts with spring and clamping screw, and fixing screws	1	...	...
Stud, spring, firing gear ...	Steel ...	...	1	1
Valve, isolating ...	Steel, coned head ...	1	1	1
Washer, packing, pipe connection ...	Fibre ...	1	1	1
Crossbar ...	Steel, with 2 balls each with grub screw, and M.B. bush with securing screws ...	...	...	1
Gear, brake—				
Band, brake ...	Steel, with liner ...	...	...	2
Blocks, brake, field and transport ...	Cast iron ...	2	2	...
Carriers, brake block—				
Left ...	Steel, with lubricator, and locking screw with keep pin ...	1	...	...
Left, Mark II ...	Steel, with locking screw and keep pin ...	...	1	...
Right ...	Steel, with lubricators and locking screw with keep pin ...	1	...	...
Right ...	Steel, with locking screw and keep pin ...	...	1	...
Clamp, brake shaft, Mark II	Steel, double eye with jamming lever with plunger, spiral spring, plug and adjusting bolt with lock nut ...	1	...	...
	Steel, double eye with locking screw and jamming lever with plunger, spiral spring, plug and adjusting bolt with lock nut ...	...	1	...
Eccentric—				
Mark II ...	M.B. ...	1	1	...
Handle, actuating screw	Steel ...	2	2	...
Lever—				
Actuating ...	Steel ...	...	...	2
Crank—				
Left ...	Steel, with tumbler ...	1	1	...
Right ...	Steel, with nut actuating screw ...	1	1	...
Releasing—				
Mark II ...	Steel, with lever pin ...	1	1	...
Link, eccentric—				
Mark II ...	Steel, with adjusting bolt and nut with keep pin ...	1	1	...
Nut, actuating—				
Left-hand thread ...	M.B. ...	...	...	1
Right-hand thread ...	M.B. ...	...	...	1

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
		IIIr.	IV.	V.
Gear, brake—<i>continued</i>.				
Pin, pivot, crank levers ...	Steel	2	...	...
Rod, connecting— Cranked levers ...	Steel with 10 disc springs No. 62, nut and keep pin and joint pin	1	1	...
Eccentric link— Mark II	Steel, M.B. bushed with joint pin	1	1	...
Screw, actuating— Mark I	Steel, with stop nut, distance piece, nuts and keep pins ...	1	1	...
Mark II	Steel, with sleeve with 2 pins each with keep pin ...	...	...	1
Shaft, brake	Steel, tubular (centre and cranked ends)	1	...	...
Spindle, brake band— Long	Steel, tubular	...	1	...
Short	Steel with stop nut with keep pin and 2 joint pins each with collar with keep pin	...	...	1
Wheel, hand— 8-inch No. 5	Steel, with nut with keep pin and 2 joint pins each with collar with keep pin	...	...	1
6½-inch No. 4... ..	G.M. with handle and keep pin ...	...	...	1
	Steel, with handle and anti- jamming plate	...	...	1
Gear, clamping cradle— Clamp	Steel, with 2 bushes and 2 axis pins each with nut with keep pin	1	...	...
	Steel, with 2 axis pins (left and right) each with nut with keep pin	...	1	...
	Steel	...	...	1
Gear, elevating—				
Arcs, elevating—				
Left, Mark III	Steel, with sight clinometer bracket	1	...	...
Left, Mark III	Steel, with sight clinometer bracket	...	1	1
Right	Steel	1	...	...
Right	Steel	...	1	1
Arms, elevating arc, right	Steel, with securing screws ...	1	1	1
Bar, tie, elevating arcs	G.M., with 2 securing screws and keep pins	1	1	1
Pinions, arc—				
Left	Steel	1	1	...
Right	Steel, with keep pin	1	1	...
10-teeth	Steel	...	...	1
Pinion, bevel, worm spindle, 17-teeth	Steel	...	...	1
Pointer, Mark II	Steel, with screws	1	1	...

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
		IIIr.	IV.	V.
Gear, elevating—<i>continued</i>.				
Shaft—	{ Steel, with nut and keep pin ...	1	1	...
Arc, pinion		...	...	1
Handwheel	{ Steel, including pinion with pinion nut and worm wheel nut, each with keep pin	...	...	1
	{ Steel, including bevel wheel ...	1	1	...
Spindle, worm	{ Steel, with nut and keep pin ...	...	...	1
	{ Steel, with collar ($\frac{9}{10}$ -inch hole) with keep pin and collar ($\frac{1}{2}$ -inch hole) with keep pin	...	...	1
Washers—				
Antifriction—				
Lower	Steel	...	...	2
Upper	Steel	...	...	2
Friction—				
Lower	Steel (same as for range gear) ...	2	2	...
Upper	Steel (same as for range gear) ...	2	2	...
Wheel—				
Hand	Steel, with handle and keep pin...	1	1	1
Worm	{ Steel	1	1	...
	{ Steel	...	...	1
Worms	{ Bronze	1	1	...
	{ R.B.	...	...	1
Gear, firing—				
Bracket, firing lever	Steel	1	1	1
Chain, locking pin	Steel, with 2 S-hooks	1	1	1
Guide, hand lever	Steel, with 2 securing screws and keep pins	1	1	1
Lever—				
Firing, Mark II	Steel, with axis pin, link pin and 2 keep pins	1	1	1
Hand	Steel, with handle, spring stud and link pin with keep pin ...	1	1	1
Link, connecting—				
Mark I... ..	Steel (round section)	1	...	...
Mark II	Steel (rectangular section) ...	...	1	1
Pin, locking, firing lever bracket	Steel	1	1	1
Spring	Steel	1	1	1
Gear, range—				
Arc	Steel, with fixing screw	1	1	1
Indicator, 9-inch deal, Mark I	Consisting of Mark II dial, dial carrier, securing ring, Mark II M.V. corrector, pinion, clamp, degree scale reader, jamming plate and copper washer ...	1	1	1
Pinion, arc	Steel	1	1	1
Shaft, arc pinion	Steel, including pinion with nut and keep pin	1	1	1
Spindle, worm	{ Steel, with nut and keep pin ...	1	...	...
	{ Steel, with nut and keep pin ...	...	1	1

Carriages, field, Q.F. 18-pr., Marks IIIr to V—continued

Designation.	Detail.	Marks.		
Gear, range—continued—		IIIr.	IV.	V.
Washers, friction—				
Lower	Steel	2	2	2
Upper	Steel	2	2	2
Wheel, hand	Steel, with handle and keep pin	1	1	1
	Steel	1	...	...
Wheel, worm	Steel	...	1	1
Worm	M.B.	1	1	1
Gear, traversing—				
Arc, traversing	Steel, with 2 stop pins and securing screws	...	...	1
Balls, antifriction, $\frac{5}{16}$ -inch diam.	Steel	83	83	...
Bearing, ball	Consisting of 2 G.M. cages, 4 race rings and 64 steel balls, antifriction, $\frac{1}{4}$ -inch	1	1	...
Bearing, ball, Hoffmann's thrust washer, light type, single—				
No. W1 ... ..	... ..	...	...	2
" W1 $\frac{1}{2}$ ... ..	... ..	2	2	...
Clutch, sliding, Mark II	Steel, consisting of driver and handle	1	1	...
Indicator, traverse	Steel arm with planet pinion and screwed pin, degree scale wheel with lubricator and pointer wheel with reader with securing screws and oil-hole cover with rivet	...	...	1
Lever, clamping	Steel, with plunger, spiral spring and guide	1	1	...
Nut, traversing	Steel, with 2 ball stops and 2 rivets	1	1	...
Pinions, bevel—				
14-teeth	Steel, with keep pin	...	...	1
16-teeth	Steel	1	1	...
17-teeth	Steel	1	1	...
16-teeth with spindle	Steel, with lubricator and lubricator adapter	1	...	...
	Steel, with lubricator and lubricator adapter	...	1	...
Screw—				
Clamping	Steel, with nut	1	1	...
Traversing	Steel (including bevel wheel 20-teeth) with circular nut with keep pin	1	1	...
Shaft, handwheel	Steel	...	...	1
Spindle, handwheel	Steel	1	1	...

Carriages, field, Q.F. 18-pr., Marks IIIr to V—continued.

Designation.	Detail.	Marks.		
		IIIr.	IV.	V.
Gear, traversing—continued.				
Wheel—				
Bevel—				
20-teeth	Steel	1	1	...
26-teeth	Steel	1	1	...
26-teeth, with spindle	Steel, with nut and keep pin ...	1	...	...
	Steel, with nut and keep pin ...	...	1	...
33-teeth	Steel	1	1	...
51-teeth	Steel, including spindle with nut with keep pin	...	...	1
Hand	Steel	2	2	...
	Steel, with handle and keep pin ...	...	...	1
	Steel, with handle and keep pin ...	...	...	...
Wipers, axletree ...	Brass and leather with screws ...	2	2	...
Worm	R.B.	...	...	1
Rings, compressed packing—				
No. 29	Dick's, for gland, buffer and recuperator	3	3	3
„ 29 supplementary...		As required		
„ 30		1	1	1
„ 30 supplementary ...	Turner's, for floating piston recuperator	As required		
Shield	Steel, consisting of main portion with upper flap hinged, and securing bolts	(a)	(a)	(a)
Flaps—				
Upper	Steel, with latch bracket, sight port flap, and indicator fuze brackets and plates	1	...	...
Upper	Steel, with indicator fuze brackets and plates, catch and sight port flap	...	1	...
Main portion	Steel plate with fittings	(a)	(a)	...
Arm, clamp, sight port flap...	Steel, with handle in 2 parts	1	...	...
Bolts, securing	Steel, with nut and spring washer	4	4	...
Bolts, securing stay ...	Steel, with nut & spring washer	2	...	...
		...	2	...
Bracket—				
Aiming post—				
Left	Steel	1	1	1
Right	Steel	1	1	1
Clamp sight port flap—				
Left	Steel	1	1	...
Right	Steel	1	1	...
Latch	Steel	...	1	...
Stay, supporting	Steel	2	...	...
		...	2	...
Carriers, cleaners	Steel, with leather straps ...	1	1	...
Catch	Consisting of steel socket, with bolt, spiral spring, handle and staple	1	...	...
Clip, securing shovel ...	Steel (spring) with 2 rivets ...	1	1	1

(a) Fittings are separately detailed.

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
Shield—continued.				
Main portion—continued.		IIIr.	IV.	V.
Flap, sight port ...	{ Steel plate with brackets and stud with nut and keep pin }	1	...	...
Hinges, flap, sight port ...	{ Steel in 2 parts ... }	2	...	...
Hinges—		...	2	...
Radiused ...	Steel in 2 parts ...	3	3	...
Straight ...	Steel in 2 parts ...	4	4	...
Indicator, traversing, Mk. II	Brass ...	1	1	...
Plate ...	{ Steel ... }	1	...	...
Plate, housing, shovel ...	Steel, including leather loop ...	1	1	...
Staple, lashing—				
Riveting, $\frac{3}{16}$ inch ...	Steel ...	6	6	5
Special, $\frac{1}{4}$ -inch, $\frac{23}{20}$ -inch centres ...	Steel ...	2	2	2
Stud, clamp bracket, sight port flap ...	Steel, with wing nut and keep pin	1	1	1
Mantlet ...	Steel plate with fittings ...	(a)	(a)	...
Block, zero line, reading plate	Wood, with 3 bolts and 4 brass round-head screws ...	1	...	...
Bracket—				
Carrying dial sight case ...	Steel, including 2 buckling pieces	1	1	...
Left ...	Steel ...	1	1	...
Right ...	Steel ...	1	1	...
Supporting dial sight case	Steel, with 2 staples ...	1	1	...
Supporting field clinometer	Steel ...	1	1	...
Plate ...	{ Steel ... }	1	...	...
Shield, lower ...	Steel plate with fittings, and securing bolts ...	...	...	(a)
Bolt, securing, with feather ...	Steel, with nut and spring washer	...	...	4
Plate ...	Steel, with fittings ...	...	...	(a)
Carrier cleaners ...	Steel, including leather straps ...	...	...	1
Staples, lashing special, $\frac{1}{4}$ -inch $\frac{23}{20}$ -inch, centres ...	Steel ...	...	...	2
Shield, upper ...	Steel plate with fittings, hinged flap, and securing bolts ...	...	...	(a)
Bolts, securing, with feather ...	Steel, with nut and spring washer	...	...	6
Collar, packing, No. 5 sight illuminating apparatus ...	Steel ...	...	...	4
Flap ...	Steel, with catch staple, hinges, part II, and latch bracket ...	...	...	1
Plate ...	Steel, with fittings ...	...	...	(a)
Brackets—				
Carrying dial sight case ...	Steel (in 2 parts), including 2 buckling pieces ...	...	...	1

(a) Fittings are separately detailed.

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
Shield, upper—<i>continued</i>.				
Plate— <i>continued</i> .				
Brackets— <i>continued</i> .				
Steadying fuze indicator—		IIIr.	IV.	V.
Left	Steel and leather with packing piece	...	...	1
Right	Steel and leather	...	...	1
Supporting dial sight case	Steel	...	...	1
Supporting shield stay, top	Steel, with hinge bolt and keep pin	...	...	2
Catch	Steel socket with bolt, spiral spring and handle	...	...	1
Hinge, straight, part I	Steel	...	...	3
Pin, hinge	Steel	...	...	3
Plate, carrying, fuze indicator, Mark II	Steel	...	...	2
Staple, lashing, riveting, 5/16-inch	Steel	...	...	5
Stay, supporting upper shield	Steel	...	...	2
Trail—				
Block, housing, No. 9, lubricating can—				
C	Wood, with leather cover and 2 fixing bolts	1	1	...
D	Wood, with leather cover	...	...	1
Body—				
Bearing—				
Arc pinion shaft, elevating				
Left	} Steel, with G.M. bush and securing screw {	1	1	...
Right		1	1	...
Trunnion				
Left	Steel {	1	...	...
Right	Steel {	1	...	...
		...	1	...
Bracket—				
Bearing cradle clamp—				
Left	} Steel {	1	1	...
Right		1	...	...
		...	1	...
Brake shaft—				
Left	} Steel, with bush and securing screw {	1	...	...
Right		1	...	...
Left	} Steel, with cap, P.B. bush (in halves) and cap bolt {	...	1	...
Right		...	1	...
Spare part case	Steel	1	1	...
Supporting—				
Air pump	Steel	1	1	...
Shield mantlet	Steel, with 2 bolts and spring washer	2	2	...
Trail eye—				
Mark I	Steel, with lubricator and bolts... ..	1	...	...
Mark II	Steel, with lubricator, bolts and rivets	...	1	...

Carriages, field, Q.F. 18-pr., Marks IIIt to V—continued

Designation.	Detail.	Marks.		
Trail—continued.				
Body—continued.		IIIr	IV.	V.
Cap, trail end... ..	Steel	1	...	...
Covers, hand hole	Steel	8	...	...
Eye, trail, No. 40	Steel, with nut and keep pin ...	1	1	1
Handle, lifting—				
Left	Steel	1	1	...
Right	Steel	1	1	...
Plate—				
Bottom	Steel	1	...	...
Locking—				
Left	Steel	1	...	...
Right	Steel	1	...	...
Top	Steel	1	...	...
Rest knee	Steel brackets	1	1	...
Seat—				
Left	Steel plate with support ...	1	1	...
Right	Steel plate with hinge joint, hinge, bush and grub screw ...	1	1	...
Side—				
Left	Steel	1	...	...
Right	Steel	1	...	...
Socket, pickaxe helve	Steel	1	1	...
Spade	Steel, back and throat plates ...	1	1	...
Spring, clip, traversing lever	Steel	2	2	...
Staples, lashing, special, $\frac{1}{4}$ - inch, $2\frac{3}{20}$ -inch centres ...	Steel	6	6	...
Stay, cross front	M.B. body, with 3 lubricators, steel hinge joint and G.M. door	1	...	...
Strip, fitting trunnion bearing		...	1	...
Front	Steel	2	2	...
Rear	Steel	2	2	...
Support, right seat, Mark II	Steel, with hinge joint, stop and spring	1	1	...
Transom—				
Front	M.B., with 2 lubricators and 2 arc stops, each with 2 screws	1	1	...
Rear—				
Large	Steel	1	...	...
Small	Steel	1	...	...
Tube, traversing lever springs	Steel, with flange	1	1	...

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
Trail—continued.				
Bracket—		IIIr.	IV.	V.
Axletree supporting shield—				
Left	Steel, with dust-excluder, fixing screw and keep pin ...	1	...	...
Right	Steel, with dust-excluder, fixing screw and keep pin ...	1	...	...
Carrying block housing No. 9 lubricating can	Steel, with 2 bolts	1	1	...
Bracket, elevating gear	M.B. body with fittings	(a)	(a)	...
Body	M.B.	1	1	...
Bolt, securing—				
1-inch long	Steel, with nut and keep pin ...	5	5	...
1-2-inches long	Steel, with nut and keep pin ...	1	1	...
Bush—				
Lower	G.M.	1	1	...
Upper	G.M.	1	1	...
Cover	Steel	1	1	...
Lubricator, top oiler, $\frac{1}{4}$ -inch gas thread ... ..	... ..	2	2	...
Screw, securing cover	Steel	3	3	...
Bracket, No. 5 sight illuminating apparatus	Steel	1	...	...
Bracket, traversing gear, left ...	Steel, with ferrules	...	1	...
Blocks, jamming axletree—	M.B. with fittings... ..	(a)	(a)	...
No. 1	P.B. (for use with No. 255 and 258 axletrees)	1	1	...
„ 2	P.B. (for use with No. 257 axletree)	1	1	...
„ 3	P.B. (for use with No. 256 axletree)	1	...	...
Body	M.B.	...	1	...
Bushes—				
Cover, axletree bearing	G.M.	1	...	...
1-inch bore	G.M. (for cover)	1	1	...
1 $\frac{1}{10}$ -inches bore	G.M. (for cover)	1	1	...
1 $\frac{1}{2}$ -inches bore	G. M. (for cover)	1	1	...
1-55-inches bore	G.M. (for cover)	1	1	...
Cap, cover	M.B. with 3 lubricators and steel catch spring with 2 rivets ...	1	1	...
Catch, locking handwheel	Steel	1	1	...
Cover	M.B. with 2 lubricators, 2 grub screws, 2 locking pins and screwed stud	1	...	...
Door, cover	G.M. with steel hinge pin ...	1	1	...
Pin, hinge, handwheel catch ...	Steel, with keep pin	1	1	...

(a) Fittings are separately detailed.

Carriages, field, Q.F. 18-pr., Marks IIIr to V—continued

Designation.	Detail.	Marks.		
		IIIr.	IV.	V.
Trail—continued.				
Bracket, traversing gear— <i>contd.</i>				
Screws, cap	Steel	4	4	...
Screws, securing—				
Cover, door	Steel, with chain, ring and S-hook	1	1	...
Cover, hexagon head	Steel, with keep pin	1	1	...
Bracket, traversing gear, left and right—				
Bolt, countersunk head, $\frac{1}{2}$ -inch $\times$ 3-inch	Steel	3	3	...
Bolt, securing cover, boss-head	Steel, with keep pin	7	9	...
Bush, traversing screw bearing ... ..	... ..	2	2	...
Ferrules, distance—				
.45-inch hole	Steel	12	14	...
.65-inch hole	Steel	8	10	...
Bracket, traversing gear, right	M.B. body with fittings	(a)	(a)	...
Bearing, spindle, bevel pinion	G.M. with 2 bushes each with screw	1	...	...
Body	M.B.	1	...	...
Bolt, securing, cover door	Steel, with 2 nuts and keep pin	1	1	...
Bush, cover, axletree bearing	G.M.	1	...	...
Cover	M.B. with keep pin and screwed stud	1	...	...
Door, cover	G.M. with steel hinge pin	1	1	...
Capsquare—				
Left	Steel, with screwed eye, locking screw and lubricator	1	1	...
Right	Steel, with screwed eye, locking screw and lubricator	1	1	...
Carrier, tool case	Steel, with 4 distance pieces and retaining strap	1	1	...
Covers, axletree, collapsible—				
Left	Leather, with 10 rings and 2 securing straps	1	1	...
Right	Leather, with 10 rings and 2 securing straps	1	1	...
Collars, adjusting, 2nd class "C" capped wheels	Steel	2	2	2
Cover, elevating, arcs	Steel and leather with securing bolts	...	1	...
Steel and leather	Steel and leather	1	...	...
Keys, capsquare—				
No. 11... ..	Steel, with chain and ring (left)	1	1	...
" 12... ..	Steel, with chain and ring (right)	1	1	...
Lever, traversing, Mark II	Steel, handle wood plugged and leather capped with housing bracket, M.B. bush, steel plunger and spiral spring, socket with pawl, stud pawl, axis pin and lubricator with adapter	1	1	...

(a) Fittings are separately detailed.

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
		IIIr.	IV.	V.
Trail—continued.				
Pins, hinge capsquare—				
“A”	Steel, with keep pin	2	1	...
“B”	Steel, with washer and keep pin	...	1	...
Pins, lynch, 2nd class “C”				
capped wheels	Steel	2	2	2
Plates—				
Inscription	Brass with screws	1	1	1
Instruction, loading	Brass	1	1	...
Shock absorber—				
Bearing, ball, Hoffman's, L.S.				
No. 8 ... ..	... ..	4	4	...
Bracket, roller	Steel	2	2	...
Nut, adjusting	Steel	2	2	...
Pin, axis roller	Steel	2	2	...
Roller, axletree	Steel	2	2	...
Screw, adjusting	Steel	2	2	...
Spring, disc, No. 62	Steel	4	4	...
Stays, supporting shield—				
Left	Steel, including end piece	1	...	...
Left	Steel, with 2 nuts each with keep pin	...	1	...
Right	Steel, including end piece	1	...	...
Right	Steel, with 2 nuts each with keep pin	...	1	...
Trail, Mark I.				
Gusset, spade “A”	Steel	...	...	2
Gusset, spade “B”	Steel	...	...	2
Leg, left—				
Box flange trail foot... ..	Steel, with spindle pawl bearing	...	...	1
Brackets—				
Guide, toothed spade	M.B. with 8 screwed rivets	...	...	1
Trail eye	M.B. with liner, with securing screws, locking pin with chain, screwed eye, locking plate for pin with screw, and 4 screwed rivets	...	...	1
Catch, toothed spade	Steel, pawl, with spindle, spring pedal and stop	...	...	1
Handle, lifting	Steel, with screwed and counter-sunk rivets	...	...	1
Plates—				
Bottom	Steel	...	...	1
Channel side	Steel	...	...	2
Locking	Steel	...	...	1
Rubbing	Steel	...	...	1
Stiffening spade	Steel	...	...	1
Top	Steel	...	...	1
Top trail foot	Steel (in 3 parts)	...	...	1
Spade, plate	Steel	...	...	1
Socket, pickaxe helve	Steel	...	...	1
Legs, left and right—				
Cover, top plate	M.B. with securing screws with keep pins	...	...	2

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
Trail, Mark I—continued.		IIIr.	IV.	V.
Leg, right—		...	...	1
Box, flange, trail foot	... Steel, with spindle pawl bearing	...	...	1
Brackets—				
Guide, toothed spade	... M.B. with 8 screwed rivets	...	...	1
Trail eye	... M.B. with axis pin for trail catch with keep pin, 6 screwed rivets and 2 lubricators	...	...	1
Catch, toothed spade	... Steel, pawl with spindle, spring, pedal and stop	...	...	1
Handle, lifting	... Steel, with screwed and counter-sunk rivets	...	...	1
Plates—				
Bottom	... Steel	...	...	1
Channel sides	... Steel	...	...	2
Locking	... Steel	...	...	1
Rubbing	... Steel	...	...	1
Stiffening spade front	... Steel	...	...	1
Top	... Steel	...	...	1
Top, trail foot	... Steel in 3 parts	...	...	1
Spade, plate	... Steel	...	...	1
Trail, Mark II.				
Leg, left—				
Box, flange, trail foot	... Steel	...	...	1
Brackets—				
Guide, toothed spade	... M.B. with 14 screwed rivets	...	...	1
Trail, eye	... M.B. with liner with securing screws, locking pin with chain, screwed eye, locking plate for pin, with screw and 5 screwed rivets	...	...	1
Catch, toothed spade	... Steel, pawl with spindle, spring and pedal	...	...	1
Handle, lifting	... Steel	...	...	1
Plates—				
Bottom	... Steel	...	...	1
Channel sides	... Steel	...	...	2
Locking	... Steel	...	...	1
Rubbing	... Steel	...	...	1
Stiffing spade	... Steel	...	...	1
Top	... Steel	...	...	1
Top, trail foot	... Steel	...	...	1
Spade, plate	... Steel	...	...	1
Stop, pickaxe	... Steel	...	...	1
Stop, pickaxe helve	... Steel	...	...	1
Legs, left and right—				
Bearing, spade catch, pawl spindle	... M.B.	...	...	2
Cover, trail foot, top plate	... M.B. with 4 securing screws, each with keep pin	...	...	2
Transoms	... Steel	...	...	2
Leg, right—				
Box, flange, trail foot	... Steel	...	...	1
Brackets—				
Guide, toothed spade	... M.B. with 14 screwed rivets	...	...	1
Trail, eye	... M.B. with axis pin for trail catch with keep pin, 7 screwed rivets and 2 lubricators	...	...	1

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.
Trail, Mark II—<i>continued</i>.		IIIr. IV. V.
Leg, right— <i>continued</i> .		
Catch, toothed spade ...	Steel, pawl with spindle, spring and pedal	 1
Handle, lifting	Steel	 1
Plates—		
Bottom	Steel	 1
Channel sides	Steel	 2
Locking	Steel	 1
Rubbing	Steel	 1
Stiffening spade	Steel	 1
Top	Steel	 1
Top, trail foot	Steel	 1
Spade, plate	Steel	 1
Trail, Marks I and II:—		
Leg, left—		
Brackets—		
Adjusting seat	Steel, with indicating plate	 1
Balls	M.B. with 2 locking plates, 2 lubricators and 2 keep pins	 1
Stop, cradle clamp	Steel, with distance piece	 1
Carrier, tool case	Steel	 1
Plate, securing case fuze key—		
Front	Steel	 1
Rear	Steel	 1
Seat	Steel, plate supporting bracket and locking handle, with collar and nut with keep pin	 1
Socket, mallet head	Steel, including leather fittings	 1
Stop, aiming posts—		
Front	Steel	 1
Rear	Steel	 1
Legs, left and right—		
Bracket, supporting aiming posts—		
Left	Steel, in 2 parts	 1
Right	Steel, in 2 parts	 1
Gland, ball bracket—		
Large	M.B.	 2
Small	M.B.	 2
Socket, mallet handle	Steel	 2
Spade, toothed	Steel	 2
Leg, right—		
Brackets—		
Balls	M.B. with 2 locking plates, 2 lubricators, 2 keep pins and supporting plate for lubricating can block	 1
Hinge, cradle clamp	Steel, with distance piece and hinge pin with lubricator and keep pin	 1
Supporting air pump	Steel	 1
Supporting, spare parts case	Steel	 1

Carriages, field, Q.F. 18-pr., Marks IIIr to V—*continued*

Designation.	Detail.	Marks.		
Trail, Marks I and II—continued.				
Leg, right—continued.				
Catch, locking trail legs ...	Steel, pawl with keep pin, plunger and spiral spring ...	IIIr.	IV.	V.
Clip, housing cradle clamp ...	Steel, with distance piece ...	...	...	1
Plates—				
Clip, shovel ...	Steel ...	...	...	1
Lashing shovel ...	Steel ...	...	...	1
Seat ...	Steel, plate with support ...	...	...	1
Socket, mallet head ...	Steel, including leather fittings ...	...	...	1
Stop, aiming posts—				
Front ...	Steel ...	...	...	1
Rear ...	Steel ...	...	...	1
Pin, securing toothed spade ...	Steel, with chain and eye ...	...	...	2
Spade, tip ...	Steel, with screwed rivets ...	...	...	2
Plates—				
Stiffening spade ...	Steel ...	...	...	2
Stiffening spade, rear, "A" ...	Steel ...	...	...	2
Stiffening spade, rear, "B" ...	Steel ...	...	...	2
Wheels, 2nd class, "C," No. 49	4-feet 3-inch diam., 3-inch tire, steel nave, 11-inch pipe, oil hole screw, plate locking nut, dust cap with washer and keep pin, and drag washer ...	2	2	...
Wheels, 2nd class, "C," No. 61	4-feet 3-inch diam., steel nave, 11-inch pipe, rubber-tyred; with brake drum, oil hole screw, plate locking nut, dust cap with washer and keep pin, and drag washer. Carriage, field, Q.F. 18-pr., Mark Va	...		
Wheels, 2nd class, "C," No. 55	4-feet 3-inch diam., 3-inch tire, steel nave, 11-inch pipe; with brake drum, oil hole screw, plate locking nut, dust cap with washer and keep pin, and drag washer Carriage, field, Q.F. 18-pr., Mark Vb			
Wheels, 2nd class, "C," No. 60	4-foot 8-inch diam., 3-inch tire steel nave, 11-inch pipe, double spoke; with brake drum, dust cap and keep pin, plate locking nut, drag washer and oil hole screw with washer Carriage, field, Q.F. 18-pr., Mark Vc	...	...	2
Wheels, 2nd class, "C," No. 62	4-foot 6-inch diam., 3-inch tire with rubber pads, steel nave, 11-inch pipe, with brake drum, oil hole screw, plate locking nut, dust cap with washer and keep pin, and drag washer Carriage, field, Q.F. 18-pr., Mark Vd			

Carriages, field, Q.F. 18-pr., Marks IIIr to V—continued

Designation.	Detail.	Marks.		
LEATHER FITTINGS.				
Case—		IIIr.	IV.	V.
Key, setting fuze, Q.F. 18-pr., Mark IIIr to V carriages ...	With 2 brass securing bands ...	1	1	1
Sight, clinometer ...	With 2 brass securing bands ...	1	1	1
Valve, key ...	Leather ...	1	1	1
Straps—				
Aiming posts, 13-inch × 75-inch	... ..	1	1	...
Canvas, covers for trail 24-inch × 1-inch ...	... ..	2	2	...
Pickaxe, helve, 18-inch × 1- inch ...	... ..	1	1	...
Quick release, drag ropes, 11½- inch × 1-inch ...	... ..	1	1	1
Quick release, eccentric gear, 11½-inch × 1-inch ...	... ..	1	1	...
Shovel, handle, 18-inch × 75- inch ...	... ..	1	1	...

Limbers, Q.F. 18-pr., Marks I, II and III

Designation.	Detail.	Limbers.			
		Carriage.		Wagon.	
		Mark II	Mark III	Mark I	Mark II
Body—		No.	No.	No.	No.
Axletree, 2nd class "C"—					
No. 208 ...	Steel ...	1	...	1	...
" 250A ...	Steel ...	...	...	...	1
" 253 ...	Steel ...	...	1	...	...
Bands, supporting shelves—					
Near ...	Steel ...	...	1	...	...
Off ...	Steel ...	...	1	...	...
Box, ammunition ...	{ Steel (tube system) ...	...	...	1	...
	{ Steel (basket system) ...	1	1	...	1
Fittings—					
Baskets ...	Cane and willow, tubular, fitted with 4 wood slats. To hold one round ...	24	20	...	38
Block, housing—					
Drag washer ...	Wood ...	...	1	...	...
Dust cap ...	Wood ...	...	1	...	...
Spade ...	Wood, with copper rivets and leather strip with brass plates and screws	1	...	...	...

Limbers, Q.F. 18-pr., Marks I, II and III—*continued*

Designation.	Detail.	Limbers.			
		Carriage.		Wagon.	
		Mark II	Mark III	Mark I	Mark II
		No.	No.	No.	No.
Body—continued.					
Box, ammunition—continued.					
Fittings—continued.					
Catches—					
Limbers and wagons—					
No. 3, near ...	G.M. plate with spiral spring and plunger and lever with hinge screw	1	...	1	1
„ 4, off ...		1	...	1	1
„ 9, near ...		...	1	...	...
„ 10, off ...		...	1	...	...
Latch lever—					
Near	Steel	...	...	1	1
Off	Steel	...	...	1	1
Spring—					
Tray	P.B.	2	2	1	1
Wire net	P.B.	2	2	2	2
Clips, rifle, vehicle—					
No. 1	Steel, spring, leather covered	2	2	2	2
„ 2		2	2	2	2
Irons, guard—					
No. 25	Steel near	1	1	1	1
„ 26	Steel off	1	1	1	1
Latch, centre lid					
	G.M. plate, with 2 steel levers, 2 plungers with spiral spring and 2 latch staples	...	...	1	1
Lids					
	Steel, fitted with felt pad, canvas covered, and hinged shield plate, stops and 2 handles	1	...	...	...
	Steel, fitted with 4 hinges and pad, and 2 hinged shield plates (1 upper with 2 stops and 1 lower with 2 handles and 2 stops)	...	1	...	...
Near	Steel, fitted with felt pad, canvas covered, and hinged shield plate, stop and handle	...	...	1	1
Off		...	...	1	1
Centre		Steel, fitted with felt pad, canvas covered	...	...	1	1
Locks, box, limbers and wagons—					
No. 6	G.M., with key	1	1	...	...
„ 7	G.M., with key	...	...	1	1
Plates—					
Back, sockets, guard iron .		Steel	...	4	...
Stop—					
Net flap	Steel	2	2	2	2
Tray	Steel	2	2	...	...

Limbers, Q.F. 18-pr., Marks I, II and III—*continued*

Designation.	Detail.	Limbers.			
		Carriage.		Wagon.	
		Mark II	Mark III	Mark I	Mark II
Body—<i>continued</i>.		No.	No.	No.	No.
Box, ammunition— <i>continued</i> .					
Fittings— <i>continued</i> .					
Plates— <i>continued</i> .					
Striking lock	Steel	1	1	1	1
Shelves—					
Mark II	Steel	4	...	6	6
Inner	Steel	...	2	...	...
Outer	Steel	...	2	...	...
Bolts, countersunk head, square—					
$\frac{3}{8}$ -inch $\times$ $1\frac{1}{2}$ -inches ...	Steel, with nut	...	6	...	...
Sockets—					
Guard iron	Steel, with screw	4	...	4	4
Guard iron, Mark II ...	Steel, with screw	...	4	...	...
Staples—					
Hand leather	Steel	3	3	3	3
Lashing, special	Steel sets	1	1	1	1
Strips, felt	 sets	1	1	1	1
Tubes	Brass, with steel stud plate, collar, M.B. nut and keep pin	...	...	38	...
Frame—					
Boards—					
Foot	Wood	1	...	1	1
Platform—					
Front	Wood	1	...	1	1
Rear	Wood	1	...	1	1
Board—					
Platform	Wood	...	1	...	...
Foot, front	Wood	...	1	...	...
Bolts, countersunk head, square, $\frac{3}{8}$ -inch $\times$ $1\frac{1}{2}$ -inches	Steel, with nut	24	18	24	24
Brackets, lifting jack —					
Near	M.B.	1	1	1	1
Off	M.B.	1	1	1	1
Flanges, axletree—					
Inside	Steel	2	2	2	2
Outside—					
Near	Steel, with dust-excluder and bolts {	1	1	1	1
Off		1	1	1	1
Futchels—					
Inside—					
Near	Steel	1	1	1	1
Off	Steel	1	1	1	1

Limbers, Q.F. 18-pr., Marks I, II and III—continued

Designation.	Detail.	Limbers.			
		Carriage.		Wagon.	
		Mark II	Mark III	Mark I	Mark II
Body—continued.		No.	No.	No.	No.
Frame—continued—					
Futchels—continued.					
Outside—					
Near	Steel	1	1	1	1
Off	Steel	1	1	1	1
Hooks—					
Bucket	Steel	1	1	1	1
Draught—					
Near	Steel	1	1	1	1
Off	Steel	1	1	1	1
Limber—					
No. 31	Steel, with catch, catch spindle with lever and keep pin, 2 catch springs and 2 keep pins	1	...	1	1
„ 43	Steel, with catch, catch spindle with lever and keep pin, 2 catch springs and 2 keep pins	...	1	...	...
Keys, split, flat, 1-inch × 4-inches	Steel, with S-hook	1	1	1	1
Loops, kicking straps, field limbers, inner and outer, No. 1	Steel, with bolts	(a)	(a)	(a)	(a)
Nets, wire	Steel, galvanized, with clips and leather tie	2 (b)	2 (b)	2 (b)	2 (b)
Pin, draught, No. 3	Steel, for draught pole	1	1	1	1
Plates—					
Connecting front	Steel	1	1	1	1
Gusset—					
Inside futchel—					
Near	Steel	1	...	1	1
Off	Steel	1	...	1	1
Outside futchel—					
Near	Steel	1	...	1	1
Off	Steel	1	...	1	1
Side, connecting ammunition box—					
Near	Steel	1	1	1	1
Off	Steel	1	1	1	1
Inscription	G.M.	1	1	1	1
Stop, shovel	Steel	...	...	2	2
Sockets—					
Nib pole	Steel	1	1	1	1
Pole	Steel	1	1	1	1

(a) 1 pair for every 2 limbers.

(b) 1 near and 1 off.

Limbers, Q.F. 18-pr., Marks I, II and III—*continued*

Designation.	Detail.	Limbers.			
		Carriage.		Wagon.	
		Mark II	Mark III	Mark I	Mark II
Body—continued.		No.	No.	No.	No.
Frame— <i>continued.</i>					
Staples, lashing—					
Riveting, $\frac{5}{16}$ -inch ...	Steel ... set	1	1	1	1
With plate—					
Double ...	Steel ... set	1	1	1	1
Single, $\frac{1}{4}$ -inch ...	Steel ... set	1	1	1	1
Stays, futchel—					
Near ...	Steel ...	1	1	1	1
Off ...	Steel ...	1	1	1	1
Bar, supporting draught pole, No. 3	Wood ...	1	1	1	1
Collar, adjusting, 2nd class, "C," capped wheels ...	Steel ...	2	2	2	2
Pins, lynch, 2nd class, "C," capped wheels ...	Steel ...	2	2	2	2
Pole, draught, No. 17, Mark III ...	Wood, with tug and nut ...	1	1	1	1
Swingletrees, No. 11 ...	Steel ...	2	2	2	2
Wheels, 2nd class, "C"—					
No. 45 ...	Wood, 4-feet 8-inches diam. ; 3-inch tyre ; double spoke, with dust cap and keep pin, locking plate, drag washer, and screw with washer for oil hole ...	2	...	2	2
„ 49 ...	Wood, 4-feet 3-inches diam. ; 3-inch tyre ; steel nave, 11-inch pipe ; oil hole screw, plate locking nut, dust cap with washer and keep pin, and drag washer ...	...	2	...	...
LEATHER FITTINGS.					
Cases—					
Bill hook ...	...	1	1	1	1
Felling axe, with strap ...	...	1	1	...	...
Key, setting fuze, Q.F. 13 and 18-pr. limber ...	Also ammunition wagon ...	2	2	2	2
Water brush ...	...	1	1	1	1
Leathers—					
Guard iron (2) ...	...	(a)	(a)	(a)	(a)
Hand, with laces ...	Or loops holding ...	3	3	3	3
Rifle clips (2 pairs) ...	...	(b)	(b)	(b)	(b)
Strip leather, 2-inches $\times$ 11 $\frac{1}{2}$ -inches (1) ...	...	(c)	...	...	...
Pocket, keys, spring lock, 2 keys ...	...	1	1	1	1
Straps, quick release, 1-inch $\times$ 1 $\frac{1}{2}$ -inches, with loop ...	Securing rifles on vehicles ...	2	2	2	2
Ties, lynch pin ...	For securing wire nets ...	2	2	2	2

(a) Sub-component of guard irons.

(b) Sub-component of rifle clips, -

(c) Sub-component of housing block.

Wagon, Ammunition, Q.F. 18.pr., Marks I and II—*continued*

Designation.	Detail.	Mark I	Mark II
Body—continued.			
Frame—continued.		No.	No.
Flanges, axletree—			
Inside	Steel	2	2
Outside—			
Near	Steel, with dust excluder and bolts	1	1
Off		1	1
Perch... ..	Steel, with lifting handles... ..	1	1
Plates—			
Camp kettle	Steel, with hooks	4	4
Supporting footboard—			
Near	Steel	1	1
Off	Steel	1	1
Gusset—			
Perch	Steel	1	1
Near side	Steel	1	1
Off side... ..	Steel	1	1
Inscription	G.M.	1	1
Locking	Steel	2	2
Side, connecting ammunition box—			
Near	Steel	1	1
Off	Steel	1	1
Sides—			
Near	Steel	1	1
Off	Steel	1	1
Staples, lashing—			
Riveting, 5/13-inch	Steel sets	1	1
With plate, single, 1/4-inch	Steel „	1	1
Stays—			
Perch—			
Centre	Steel	1	1
Rear	Steel	1	1
Side—			
Near	Steel	1	1
Off	Steel	1	1
Studs, supporting brake arm—			
Near	Steel, with collar, nut and keep pin	1	1
Off		1	1
Connector, limbering	Steel, consisting of axletree hook with connecting pin with keep pin and stop pin, with leather tie, coupling hook, with 2 links and leather tie	1	1
Collars, adjusting, 2nd class			
“C,” capped wheels	Steel	2	2
Pins, lynch, 2nd class “C,” capped wheels	Steel	2	2

Wagon, Ammunition, Q.F. 18-pr., Marks I and II—*continued*

Designation.	Detail.	Mark I	Mark II
Wheels, 2nd class "C," No. 45 ...	Wood, 4-feet 8-inch diameter, 3-inch tyre, double spoke, with dust cap and keep pin, locking plate, drag washer, and screw with washer for oil hole... ..	No.	No.
Gear, brake—		2	2
Arms, brake—			
Near	Steel, with shoe and keep pin, connecting brackets and hinge lug	1	1
Off		1	1
Bands, axletree	Steel (in halves), with bolt, with nut and keep pin, and axis stud with collar, nuts and keep pins...	2	2
Blocks, brake, field and transport	C.I.	2	2
Forks—			
Actuating screw	Steel, with connecting bolt, nut and keep pin	1	1
Supporting rod	Steel, with pin and keep pin	2	2
Handle, actuating screw	Steel	1	1
Levers, cranked—			
Near	Steel, with tumbler	1	1
Off		1	1
Nut, actuating screw	M.B., with securing nut	1	1
Rods—			
Actuating	Steel, with 2 connecting bolts, each with nut and keep pin	1	1
Connecting cranked levers	Steel, with 10 disc springs, nut and keep pin, and bolt connecting with nut and keep pin	1	1
Supporting brake arm	Steel, with collar, nut and keep pin	2	2
Screw, actuating	Steel, with nuts and keep pins	1	1
LEATHER FITTINGS.			
Cases, key, setting fuze, Q.F. 13 and 18-pr. limber... ..	Also ammunition wagon	2	2
Chape, saw case ... ..	... ..	1	1
Leathers—			
Guard iron (2) ... ..	... ..	(a)	(a)
Hand, with laces	Or loops, holding	3	3
Loop, saw case (9-inch × 1½-inch) ... ..	... ..	1	1
Pocket, key, spring lock (2 keys)... ..	... ..	1	1

(a) Sub-component of guard iron.

Wagon, Limbered, Ammunition or Stores

Wagon, Limbered, Field Artillery

Designation.	Detail.	Wagon limbered A. or S.		Wagon limbered F.A.	
		Fore Mark	Hind Mark	Fore Mark	Hind Mark
Body, comprising—					
Axletree, 2nd Class, "C," No. 141	Steel	1	1	1	1
Bars—					
Cross—					
Centre	Wood	1	1	1	1
Nib, socket	} Wood, with fittings	1	...	1	...
Pole, socket		1	...	1	...
Securing spare wheel	Wood, with 2 clip plates and 4 bolts each, with nut and washer	...	1	...	1
Boards—					
Front	} Wood, with fittings	1	1	1	1
Tail		1	1	1	1
Brackets, supporting spare pole—					
Front	} Steel, with bolts, nuts and washers	...	1	...	1
Rear		...	1	...	1
Chains, tailboard	Steel, with loops	2	2	2	2
Flap, water buckets	Canvas, with basil strip $\frac{1}{2}$ -inch wide × 12-inch long	...	1	...	1
Frame	Wood, with bottom boards, earbeds and axletree bed	1	1	1	1
Hooks—					
Draught—					
Near	} Steel, with nuts	1	...	1	...
Off		1	...	1	...
Lashing	G.M.	8	8	8	8
Lumber, No. 41	Steel	1	...	1	...
Suspending spanner	Steel	1	...	1	...
Joint, tailboard	Steel, with nut and washer	2	2	2	2
Keys—					
Lumber, hook, No. 19	Steel, with chain	1	...	1	...
Split, flat, $\frac{3}{4}$ -inch × 3 $\frac{1}{2}$ -inch	Steel, with S-hook	1	1	1	1
Tailboard	Steel, with chain and staple	2	2	2	2
Locker, small stores	Wood, with fittings... ..	1	...	1	...
Partitions—					
48-inch long × 18-inch wide	} Wood	...	...	2	...
18 $\frac{1}{2}$ -inch long × 18-inch wide		...	...	1	...
18-inch. long × 18-inch wide		...	...	1	...
Pins, draught—					
No. 1	Steel	1	...	1	...
No. 2	Steel, with S-hook	...	1	...	1

Wagon, Limbered, Ammunition or Stores } continued
Wagon, Limbered, Field Artillery }

Designation.	Detail.	Wagon limbered A. or S.			Wagon limbered F.A.		
		Fore Mark I	Hind Mark I	Fore Mark I	Hind Mark I	Fore Mark I	Hind Mark I
Body—contd.							
Plates—							
Nib, perch	Steel	...	1	...	1	...	1
Side, axletree bolts	Steel	...	2	...	2	...	2
Strengthening front corners—							
Near	Steel	...	1	...	1	...	1
Off		...	1	...	1	...	1
Sides—							
Near	Wood, with fittings	1	1	1	1	1	1
Off		1	1	1	1	1	1
Sockets—							
Nib, pole...	Steel	...	1	...	1	...	...
Pole	Steel	...	1	...	1	...	...
Staples—							
Clip—							
Lumber-hook stay	Steel, with nuts	...	2	...	2	...	...
Pole and perch staples	Steel, with nuts	...	4	2	4	2	2
Perch	Steel	...	...	1	...	1	1
Stays—							
Angle, inner	Steel	...	4	4	4	4	4
Cross bar	Steel	...	2	...	2	...	...
Lumber hook—							
Near	Steel	...	1	...	1	...	...
Off	Steel	...	1	...	1	...	...
Nib, side—							
Near	Steel, with nut and washer	1	1	1	1	1	1
Off		1	1	1	1	1	1
Perch staple	Steel	...	1	...	1	...	...
Pole, nib socket	Steel	...	1	...	1	...	...
Rear, bracket supporting, spare pole	Steel, with 2 fixing bolts	...	...	1	...	1	1
Side, centre	Steel	...	2	2	2	2	2
Bar, supporting draught pole, No. 3	Wood	...	1	...	1	...	...
Clips, rifle vehicle—							
No. 1	Steel spring, leather covered	2	...	2	...	...	...
No. 2		2	...	2	...	...	...
Collars, adjusting, 2nd class, "C"							
capped wheels	Steel	...	2	2	2	2	2
Lashings, tarred—							
1-inch x 10-feet	...	...	3	...	3	...	3
1 " x 18 "	...	...	2	...	2	...	2
Perch	Steel	...	1	...	1	...	1
Pins, linch, 2nd class, "C" capped wheels	Steel	...	2	2	2	2	2

Wagon, Limbered, Ammunition or Stores } continued
Wagon, Limbered, Field Artillery }

Designation.	Detail.	Wagon limbered A. or S.		Wagon limbered F.A.	
		I Fore Mark	I Hind Mark	I Fore Mark	I Hind Mark
Pole, draught, No. 17, Mark III ...	Wood, with tug and nut ...	1	...	1	...
Straps, securing ...	Leather (<i>see</i> table of straps) sets	1	1	1	1
Swingletrees, No. 13 ...	Steel ...	2	...	2	...
Wheels, 2nd class, "C" No. 45, Mark III	Wood; 4-feet 8-inches diameter; 3-inch tire; steel nave; 11-inch pipe; double spoke; with dust cap and keep pin, locking plate, drag washer, and screw with washer for oil hole ...	2	2	2	2
Gear, brake—					
Blocks, brake, field and transport	C.I. ...	...	2	...	2
Bolts, csk.-head, square, $\frac{1}{2}$ -inch $\times$ $5\frac{1}{4}$ -inch	Steel ...	...	2	...	2
Brackets—					
Handle ...	M.B., with connecting pin, with keep pin and fixing bolts ...	...	1	...	1
Supporting stays—					
Near ...	} Steel, with hinge bolt with nut and keep pin ... {	...	1	...	1
Off ...		...	1	...	1
Handle, brake, No. 6 ...	Steel, threaded; with collar and keep pin ...	...	1	...	1
Links, suspending brake shaft—					
Near ...	} Steel, with bolt and distance tube ... {	...	1	...	1
Off ...		...	1	...	1
Rods, connecting brake shaft ...	Steel ...	...	2	...	2
Screw, brake, No. 21 ...	Steel, with stop collar with keep pin, and connecting bolt with keep pin ...	...	1	...	1
Shaft, brake ...	Steel, tubular, with 2 shoes, each with keep pin, and connecting pin with keep pin ...	...	1	...	1
Stays—					
Brake, shaft—					
Near ...	Steel, with nut ...	...	1	...	1
Off ...	Steel, with nut ...	...	1	...	1
Handle, bracket—					
Near ...	Steel, with bolt ...	...	1	...	1
Off ...	Steel, with bolt ...	...	1	...	1
Box, grease, 3-lb. ...	Tin, half round ...	1	1	1	1
Spanner, No. 93 ...	Steel ...	1	...	1	...

**Sights, and No. 7 dial sight carrier, No. 2, for use with
Carriage, field, Q.F. 18-pr., Marks I to II**

Designation.	Detail.	No.
Sight, dial, No. 7 ... ..	... ..	...
Sight, rocking bar, Q.F. 18-pr	Consisting of rocking bar and sight bar, as follows :—	...
Bars—		
Rocking	Steel, with crosshead and deflection scale plate with fixing screws, traversing screw with 2 milled heads, each with degree scale, securing plate and 3 fixing screws : keep pin for 1 milled head ; deflection nut with collar, nut and keep pin, and spiral spring with retaining nut ; bush, adjusting sight bar, clamping bolt with collar, nuts and keep pin and bracket sight clinometer	1
Sight	Steel, tubular, with adjustable foresight ; foresight holder, with clamping screw, cap, and chain with split rings ; holder, front, with cap and clamp with spiral spring and nut ; holder, rear, with cap and clamp with spiral spring and nut, notched leaf for hind sight, pivot with nut and keep pin ; collimator supporting bracket with fixing screws ; collimator supporting bracket base plate with 4 fixing and 2 adjusting screws ; collimator supporting bracket locking plate ; collimator locking plate ; and rubber eyepiece with steel bracket	1
Collimator, No. 1	Q.F. 18-pr., Marks I to II field carriages	1
Carrier, No. 7 dial sight, No. 2 Mark II	Steel, with spring washer	1
or		
Carrier, No. 7 dial sight, No. 2, Mark III.	M.C. I. with sight retaining catch, thumb screw and dial sight adjusting screw with lock nut, Q.F. 13-pr. and 18-pr., Marks I to II, and III to V field carriages... ..	1

Sights, and No. 7 dial sight carrier, No. 10, 11, or No. 2 Mark III, for use with Carriage, field, Q.F. 18-pr., Mark IIIr.

Designation.	Detail.	No.
Sight, dial, No. 7	...	1
Sight, rocking bar	Consisting of open-sight bracket, cross-levelling gear and parallel motion link.	1
Bracket, open sight	M.B., with 2 rivets; square bush, with keep pin; foresight tube, with 2 rivets, deflection crosshead, with deflection scale plate and screwed rivets; deflection nut in 2 parts; deflection nut spring; traversing screw, with milled head and keep pin, plain head and keep pin, left and right deflection drums, with fixing screws and deflection drum clamping plates; foresight, foresight protecting cap, with chain, 2 split rings and stop; foresight cap clip, with fixing screws; foresight clamping screw, with keep pin; hindsight; hindsight clamping screw, with nut and keep pin; dial sight carrier clamping plate; dial sight carrier clamping screw, with nut, collar and keep pin; clamping screw handle and cross-level, with spirit bubble, and plugs with keep pins and fixing screws	1
Gear, cross-levelling	G.M. sleeve; cross-levelling nut, with keep pin; cross-levelling screw, with nut and keep pin; cross-levelling hand wheel; clamping bolt, with wing nut and washer; cross-levelling nut hinge pin; cross-levelling plates hinge pin, with keep pin; cross-levelling plates (outer), in 2 parts (part i, with 2 bushes and securing nut with keep pin; part ii, with bearing plate and fixing screws); and cross-levelling plates (inner), in 2 parts (part i, with securing nut with keep pin; part ii, with pivot screw with keep pin)	1
Link, parallel motion	Steel, with pivot screw with keep pin and bush	1
Carrier, No. 7 dial sight, No. 10 ...	Steel, with spring washer, thumb screw and adjusting screw with nut; Q.F. 18-pr., Mark IIIr field carriage	1
or		
Carrier, No. 7 dial sight, No. 11...	Steel, with spring washer, thumb screw and adjusting screw with nut; Q.F. 18-pr., Marks IIIr and IV field carriages	1
or		
Carrier, No. 7 dial sight, No. 2, Mark III	M.C.I, with sight retaining catch, thumb screw and dial sight, adjusting screw with lock nut; Q.F. 13-pr. and 18-pr. Marks I to II and IIIr to V field carriages	1

**Sights, and No. 7 dial sight carrier, No. 11, or No. 2 Mark III
for use with Carriage, field, Q.F. 18-pr., Mark IV**

Designation.	Detail.	No.
Sight, dial, No. 7 ... ..	... ..	1
Sight, rocking bar	Consisting of open sight bracket, cross-levelling gear and parallel motion link.	
Bracket, open sight	M.B., with 2 rivets; square hubs, with keep pin; foresight tube, with 2 rivets, deflection crosshead, with deflection scale plate and screwed rivets; deflection nut in 2 parts; deflection nut spring; traversing screw, with milled head and keep pin, plain head and keep pin, left and right deflection drums, with fixing screws and deflection drum clamping plates; foresight, foresight protecting cap, with chain, 2 split rings and stop; fore- sight cap clip, with fixing screws; foresight clamping screw, with keep pin; hindsight, hindsight clamping screw, with nut and keep pin; dial sight carrier clamp- ing plate; dial sight clamping screw, with nut collar and keep pin; clamping screw handle and cross-level, with spirit bubble, end plugs with keep pins and fixing screws	1
Gear, cross-levelling	G.M. sleeve, cross-levelling nut, with keep pin; cross-levelling screw, with nut and keep pin; cross- levelling hand wheel; clamping bolt, with wing nut and washer; cross-levelling nut hinge pin; cross-levelling plates hinge pin, with keep pin; cross-levelling plates (outer), in 2 parts (part i, with 2 bushes and securing nut, with keep pin; part ii, with bearing plate and fixing screws); and cross-levelling plates (inner), in 2 parts (part i, with securing nut with keep pin; part ii, with pivot screw with keep pin)	
Link, parallel motion	Steel with pivot screw, with keep pin and bush	1
Carrier, No. 7 dial sight, No. 11 ...	Steel, with spring washer, thumb screw and adjusting screw with nut; Q.F. 18-pr., Mark IIIr and IV field carriages	1
or		
Carrier, No. 7 dial sight, No. 2, Mark III	M.C. 1 with sight retaining catch, thumb screw and dial sight ad- justing screw with lock nut, Q.F. 13-pr. and 18-pr. Marks I to II and III to V field carriages ...	1

Sights, and No. 7 dial sight carrier, No. 2, Mark III, for use with Carriage, field, Q.F. 18-pr., Mark V

Designation.	Detail.	No.
Sight, dial, No. 7	...	1
Sight, rocking bar	Consisting of open sight bracket, sight bar, cross-levelling gear and parallel motion link.	
Bracket, open sight	M.B. body, with square and eccentric bushes; eccentric bush cotter, with nut and keep pin; dial sight carrier clamping plate; dial sight carrier clamping screw, with nut, collar and keep pin; clamping screw handle and cross-level carrier, with spirit bubble and end plugs with taper pins and fixing screws	1
Gear, deflection	M.B. traversing screw; milled head and plain head, each with keep pin, left and right deflection drums, with fixing screws; deflection drum clamping plates; deflection nut, with sight bar securing nut; deflection nut spring; anti-backlash nut and deflection scale plate, with fixing screws	1
Bar, sight (in 2 parts)—		
Part I	Steel, with pivot and nut, foresight holder, with foresight and clamping screw; foresight cap clip; and foresight protecting cap, with 2 split rings and chain	1
Part II	Steel, with hind sight and fixing screw	1
Gear, cross-levelling	G.M. sleeve, cross-levelling nut, with keep pin; cross-levelling nut hinge pin; cross-levelling plates hinge pin, with keep pin; outer cross-levelling plates, in 2 parts (part i, steel, with bushes and securing nut, with keep pin; part ii, steel with bearing plate and screws); inner cross-levelling plates, in 2 parts (part i, G.M., with securing nut with keep pin; part ii, G.M.); cross-levelling screw, with nut and keep pin; cross-levelling hand-wheel and clamping bolt, with wing nut and washer	1
Link, parallel motion	Steel, with keep pin and pivot pins...	1
Carrier, No. 7 dial sight, No. 2, Mark III	M.C.I. with sight retaining catch, thumb screw and dial sight adjusting screw with lock nut, Q.F. 13-pr., and 18-pr., Marks I to II and IIIr to V field carriages	1

APPENDIX I.

List of straps, securing, for each nature and mark of carriage, limber, wagon, and limbered wagons

			Carriages Q.F.		Limbers, Q.F.					Wagons, Ammn., Q.F.		Wagons, limbered.			
			18-pr. Marks I* II	18-pr. Marks IIIr V	18-pr. Carriage, Mark II	18-pr. Carriage, Mark III	18-pr. wagon, Mark II	4-5-inch Howitzer	18-pr. Mark II	4-5-inch Howitzer		Field Artillery.		Ammn. or Store.	
												Fore	Hind	Fore	Hind
1-inch × 72-inches	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...
1 " × 54 "	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
1 " × 54 " D.L.	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
1 " × 48 " R.L.	...	...	...	...	4	9	4	4	4	4	...	...	...	...	...
1 " × 44 "	...	...	...	...	...	...	...	...	2	4	...	...	...	...	...
1 " × 36 "	...	...	...	...	3	...	3	9	...	4	...	1	...	1	...
1 " × 36 " D.L.	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...
1 " × 30 "	...	...	2	2	6	3	8	2	8	6	2	...	2	...	...
1 " × 26 "	...	...	1	...	1	1	1	3	2	1	1	1	1	1	1
$\frac{3}{4}$ " × 22 "	...	...	...	...	1	...	6	4	3	...	...	3	...	3	...
$\frac{3}{4}$ " × 18 "	...	...	...	...	3	...	...	...	...	2	...	2	...	...	...
$\frac{3}{4}$ " × 13 "	...	...	...	...	1	...	...	...	1	3	1	...	1	...	...
1 " × 10 "	...	...	...	...	2	4	2	2	2	2	1	...	1	...	...
1 " × 10 " double with 1 loop	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
$\frac{3}{4}$ " × 10 " double with 2 loops	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...
$\frac{3}{4}$ " × 36 "	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...
$\frac{3}{4}$ " × 22 "	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...
$\frac{3}{4}$ " × 18 "	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...
$\frac{3}{4}$ " × 13 "	...	...	1	...	...	...	...	2	...	...	...	...	...	...	...

APPENDIX II

List of accessories, spare parts, and wagon equipment :—

Wagon, limbered, ammunition or stores

Wagon, limbered, Field Artillery

Description.	Wagons, limbered.		Where carried.
	A.or S.	F.A.	
<i>Accessories.</i>			
Covers—			
Short, rifle	1	1	On rifle.
Wagon	2	2	On wagon (1 fore and 1 hind).
<i>Spare parts.</i>			
Bolts , connecting, Nos. 21 and 34 brake screws	1	1	} In small stores locker.
Blocks , brake, field and transport	2	2	
Collar , adjusting, 2nd class, "C" capped wheels	1	1	
Pins , linch, 2nd class, "C" capped wheels ...	1	1	
Washers , drag, 2nd class, "C" capped wheels	1	1	
<i>Wagon equipment.</i>			
Board , inventory wood	1	1	In small stores locker.
Brush , water, carriage	1	1	On "near" side wagon, fore.
Buckets , water, G.S., canvas	2	2	Under, rear, wagon, hind.
Cordage , tarred, spun-yarn, hemp, 3-thread			
lbs.	5	5	On "near" side wagon, fore.
Grease , lubricating	6	6	In grease boxes.
Hammer , claw, 16-oz. (or 14-oz.)	1	1	} In small stores locker.
Pincers , carpenter's pair	1	1	
Ropes , drag, light, G.S.	1	1	On perch.
Screwdriver , G.S., 6-inch	1	1	} In small stores locker.
Spanner , adjustable, 11-inch	1	1	
Valise , horseshoe	1	1	As convenient.

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